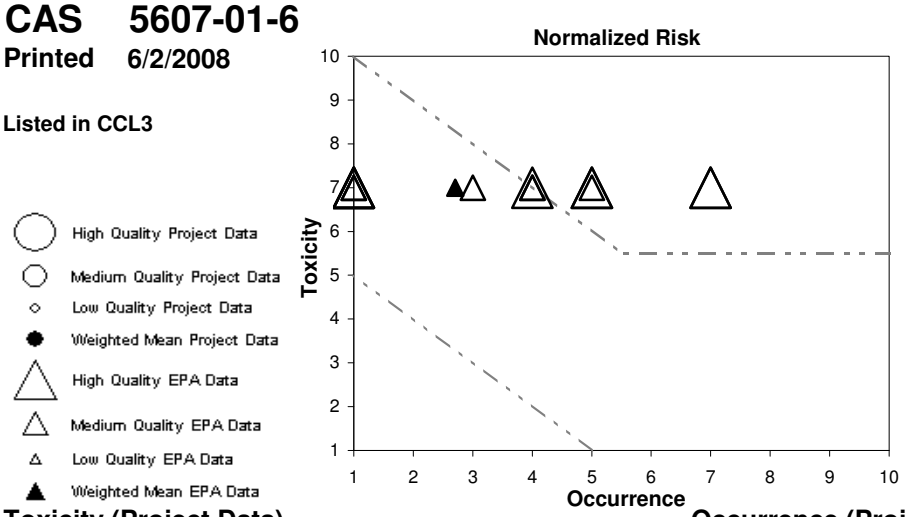
DRAFT

Terbufos sulfone

CAS 5607-01-6

Printed 6/2/2008

Listed in CCL3



Project Data

Weighted Mean Toxicity	**N/A**	
Toxicity RSD	N/A	%
Mean Weight Factor	N/A	
Weighted Mean Occurrence	**N/A**	
Occurrence RSD	N/A	%
Mean Weight Factor	N/A	

EPA Data

Weighted Mean Toxicity	**7.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	1	
Weighted Mean Occurrence	**2.71**	
Occurrence RSD	66.76	%
Mean Weight Factor	0.57	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (EPA OPP) [plotted]	5E-05	mg/(kg*d)	7.00	22	2.00

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection in Finished Water (UMCR) [plotted]	0	µg/L	1.00	11	2.00
Max Concentration in Finished Water (UMCR) [plotted]	0	µg/L	1.00	11	2.00
99th Percentile Concentration in Finished Water (UMCR) [plotted]	0	µg/L	1.00	11	2.00
Frequency Detection (CAL DHS) [plotted]	0	%	1.00	14	2.00
Frequency Detection in Ambient Water (NAWQA) [plotted]	0.3	µg/L	4.00	24	1.50
Max Concentration in Ambient Water (NAWQA) [plotted]	0.56	µg/L	5.00	24	1.50
99th Percentile Concentration in Ambient Water (NAWQA) [plotted]	0.56	µg/L	5.00	23	1.50
Frequency Detection (STORET) [plotted]	1.2	%	7.00	11	1.50
Max Concentration (STORET) [plotted]	3.2	µg/L	7.00	8	1.50
Median Concentration in Finished Water (UMCR) [plotted]	0	µg/L	1.00	11	1.33
90th Percentile Concentration in Finished Water (UMCR) [plotted]	0	µg/L	1.00	11	1.33
Median Concentration in Ambient Water (NAWQA) [plotted]	0.017	µg/L	3.00	23	1.25
90th Percentile Concentration in Ambient Water (NAWQA) [plotted]	0.21	µg/L	4.00	22	1.25
Median Concentration (STORET) [plotted]	0.185	µg/L	5.00	8	1.25
90th Percentile Concentration (STORET) [plotted]	0.202	µg/L	4.00	8	1.25

* Normalization binning according to EPA method

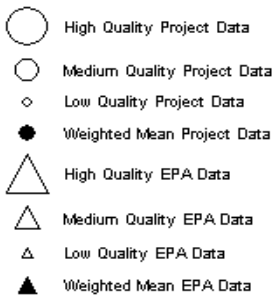
DRAFT

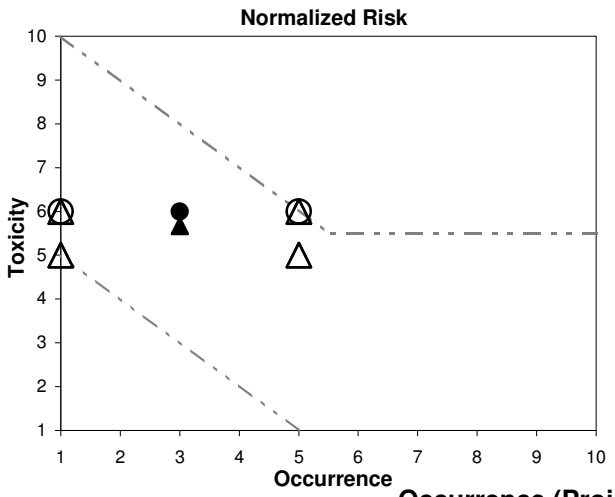
DRAFT

Benzyl chloride

Benzyl 100-44-7
Printed 6/2/2008

Listed in CCL3





Project Data		
Weighted Mean Toxicity	**6.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	1.00	
Weighted Mean Occurrence	**3.00**	
Occurrence RSD	94.28	%
Mean Weight Factor	0.5	

EPA Data		
Weighted Mean Toxicity	**5.67**	
Toxicity RSD	10.50	%
Mean Weight Factor	0.75	
Weighted Mean Occurrence	**3.00**	
Occurrence RSD	94.28	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Oral Slope Factor (CA OEHHA) [plotted]	0.17	mg/kg/d	6.00	1	2.00
Cal. Prop. 65 MADL or NSRL (CA OEHHA)	1	boolean	2.00	1	2.00

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
On.site Surface Water Discharges (TRI) [plotted]	228	lbs	1.00	3	1.33
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	24383	lbs	5.00	3	1.33

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Cancer Slope Factor (RAISHE) [plotted]	0.17	(mg/(kg*d))-1	6.00	24	2.00
Cancer Slope Factor (OEHHA) [plotted]	0.17	(mg/(kg*d))-1	6.00	24	2.00
Lifetime Cancer Risk (EPA) [plotted]	0.02	mg/L	5.00	17	1.50
Lowest Oral Chronic LOAEL (RTECS) [plotted]	26.6	mg/(kg*d)	5.00	50	1.33

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Surface Water Release (TRI) [plotted]	259	lbs/year	1.00	57	1.33
Total Release (TRI) [plotted]	18750	lbs/year	5.00	57	1.33

* Normalization binning according to EPA method

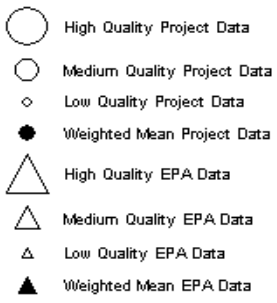
DRAFT

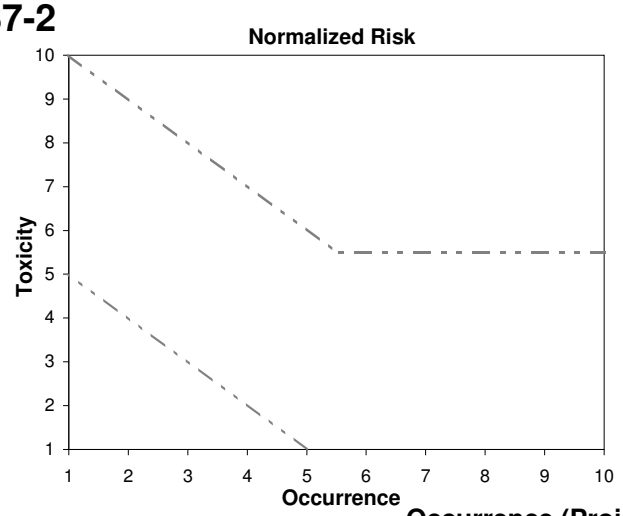
Microcystin-LR

CAS 101043-37-2

Printed 6/2/2008

Listed in CCL3





Project Data		
Weighted Mean Toxicity	**N/A**	
Toxicity RSD	N/A	%
Mean Weight Factor	N/A	
Weighted Mean Occurrence	**N/A**	
Occurrence RSD	N/A	%
Mean Weight Factor	N/A	
EPA Data		
Weighted Mean Toxicity	**10.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	1	
Weighted Mean Occurrence	**N/A**	
Occurrence RSD	N/A	%
Mean Weight Factor	N/A	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Supplemental RfD-like Value (Supplemental) [plotted]	3E-06	mg/(kg*d)	10.00	5	2.00

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

* Normalization binning according to EPA method

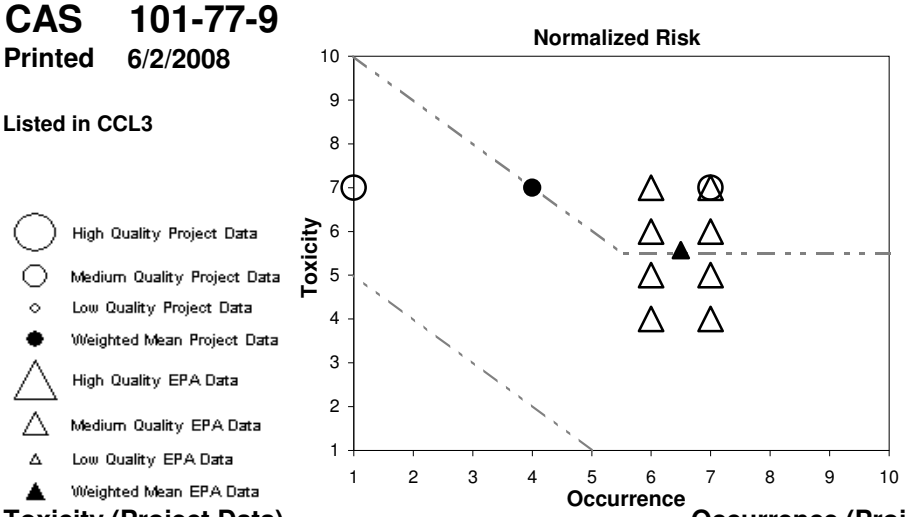
DRAFT

4,4'-Methylenedianiline

CAS 101-77-9

Printed 6/2/2008

Listed in CCL3



Project Data

Weighted Mean Toxicity	**7.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	1.00	
Weighted Mean Occurrence	**4.00**	
Occurrence RSD	106.07	%
Mean Weight Factor	0.5	

EPA Data

Weighted Mean Toxicity	**5.57**	
Toxicity RSD	23.47	%
Mean Weight Factor	0.875	
Weighted Mean Occurrence	**6.50**	
Occurrence RSD	10.88	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Oral Slope Factor (CA OEHHA) [plotted]	1.6	mg/kg/d	7.00	1	2.00
Cal. Prop. 65 MADL or NSRL (CA OEHHA)	1	boolean	2.00	1	2.00

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
On.site Surface Water Discharges (TRI) [plotted]	271	lbs	1.00	3	1.33
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	207176	lbs	7.00	3	1.33

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Minimum Risk Level (ATSDR (ITER)) [plotted]	0.08	mg/(kg*d)	4.00	17	2.00
Cancer Slope Factor (RAISHE) [plotted]	0.25	(mg/(kg*d))-1	6.00	24	2.00
Cancer Slope Factor (OEHHA) [plotted]	1.6	(mg/(kg*d))-1	7.00	24	2.00
Lowest Oral Chronic LOAEL (RTECS) [plotted]	4.34	mg/(kg*d)	5.00	50	1.33

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Surface Water Release (TRI) [plotted]	96446	lbs/year	6.00	57	1.33
Total Release (TRI) [plotted]	168919	lbs/year	7.00	57	1.33

* Normalization binning according to EPA method

DRAFT

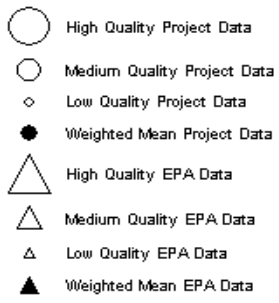
DRAFT

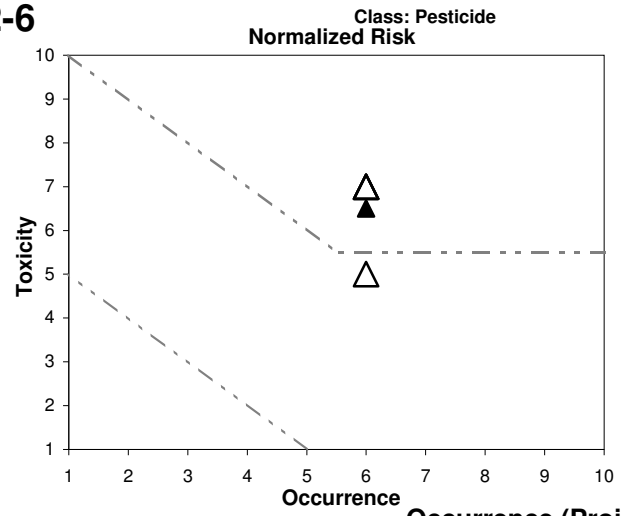
Methamidophos

CAS 10265-92-6

Printed 6/2/2008

Listed in CCL3





Project Data		
Weighted Mean Toxicity	**7.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	1.00	
Weighted Mean Occurrence	**N/A**	
Occurrence RSD	N/A	%
Mean Weight Factor	N/A	
EPA Data		
Weighted Mean Toxicity	**6.50**	
Toxicity RSD	15.38	%
Mean Weight Factor	1	
Weighted Mean Occurrence	**6.00**	
Occurrence RSD	N/A	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
EPA RfD (IRIS) [plotted]	5E-05	mg/kg/d	7.00	1	2.00
LEL (IRIS)	0.05	mg/kg/d	7.00	3	1.33

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (EPA OPP) [plotted]	0.0003	mg/(kg*d)	7.00	22	2.00
RfD (EPA IRIS (ITER)) [plotted]	5E-05	mg/(kg*d)	7.00	33	2.00
RfD (RAISHE) [plotted]	5E-05	mg/(kg*d)	7.00	41	2.00
Max Acceptable Daily Intake (JMPR) [plotted]	0.004	mg/(kg*d)	5.00	23	2.00

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Total Pesticide Application (NCFAP) [plotted]	965584	lbs/year	6.00	31	1.33

* Normalization binning according to EPA method

DRAFT

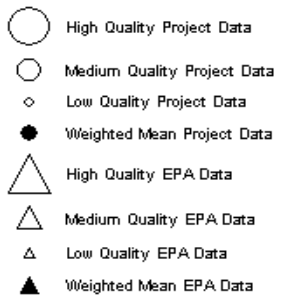
DRAFT

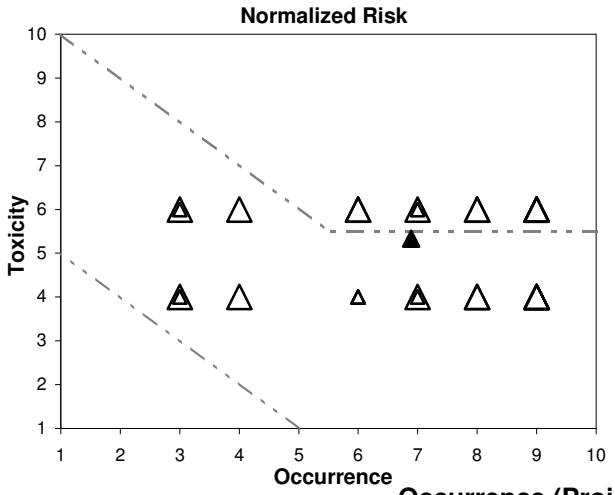
n-Propylbenzene

CAS 103-65-1

Printed 6/2/2008

Listed in CCL3





Project Data

Weighted Mean Toxicity	**N/A**	
Toxicity RSD	N/A	%
Mean Weight Factor	N/A	
Weighted Mean Occurrence	**5.55**	
Occurrence RSD	59.54	%
Mean Weight Factor	0.3929	

EPA Data

Weighted Mean Toxicity	**5.33**	
Toxicity RSD	28.28	%
Mean Weight Factor	0.375	
Weighted Mean Occurrence	**6.89**	
Occurrence RSD	33.12	%
Mean Weight Factor	0.69	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection in Aquifer Samples (USGS) [plotted]	0.002	%	1.00	2	1.50
Frequency Detection with Stream Samples (NAWQA) [plotted]	11.1	%	10.00	2	1.50
95th Percentile Concentration in Stream (NAWQA) [plotted]	0.2	µg/L	4.00	2	1.50
Max Concentration in Stream (NAWQA) [plotted]	47	µg/L	9.00	2	1.50
Median detection in Aquifer Study (< given) (USGS) [plotted]	0.042	µg/L	4.00	4	1.25
75th Percentile Concentration in Stream (NAWQA) [plotted]	0.2	µg/L	5.00	4	1.25
90th Percentile Concentration in Stream (NAWQA) [plotted]	0.2	µg/L	4.00	4	1.25

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Lowest Oral Chronic LOAEL (RTECS) [plotted]	2.5	mg/(kg*d)	6.00	50	1.33
Lowest Oral LD50 (RTECS) [plotted]	6040	mg/(kg*d)	4.00	21	1.25

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection in Round 1 Finished Water (NCOD) [plotted]	0.33	µg/L	4.00	7	2.00
Max Concentration in Round 1 Finished Water (NCOD) [plotted]	34	µg/L	9.00	7	2.00
99th Percentile Concentration in Round 1 Finished Water (NCOD) [plotted]	34	µg/L	9.00	7	2.00
Frequency Detection in Round 2 Finished Water (NCOD) [plotted]	0.24	µg/L	3.00	12	2.00
Max Concentration in Round 2 Finished Water (NCOD) [plotted]	21	µg/L	8.00	12	2.00
99th Percentile Concentration in Round 2 Finished Water (NCOD) [plotted]	21	µg/L	8.00	12	2.00
Frequency Detection in Ambient Water (NAWQA) [plotted]	1.23	µg/L	7.00	24	1.50
Max Concentration in Ambient Water (NAWQA) [plotted]	47	µg/L	9.00	24	1.50
99th Percentile Concentration in Ambient Water (NAWQA) [plotted]	47	µg/L	9.00	23	1.50
Median Concentration in Round 1 Finished Water (NCOD) [plotted]	0.7	µg/L	6.00	7	1.33
Median Concentration in Round 2 Finished Water (NCOD) [plotted]	0.6	µg/L	6.00	12	1.33
Median Concentration in Ambient Water (NAWQA) [plotted]	0.024	µg/L	3.00	23	1.25
90th Percentile Concentration in Ambient Water (NAWQA) [plotted]	5	µg/L	7.00	22	1.25

* Normalization binning according to EPA method

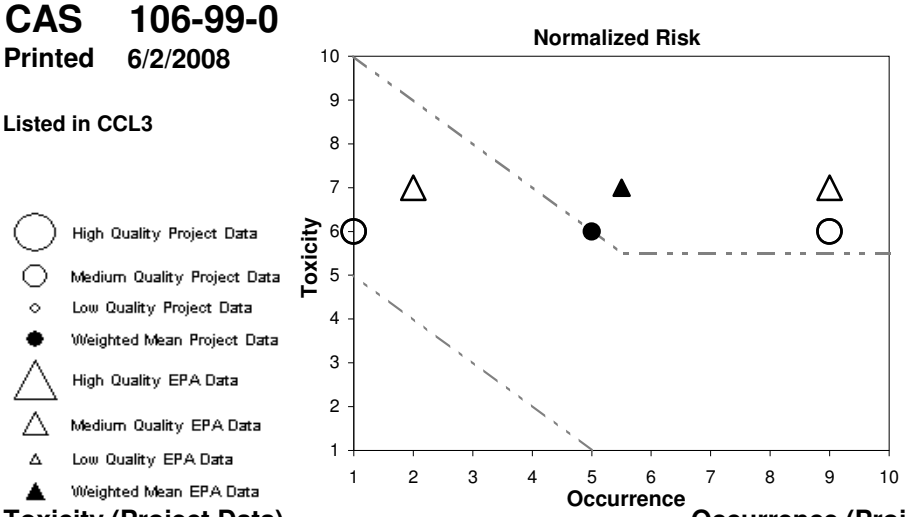
DRAFT

DRAFT

1,3-Butadiene

CAS 106-99-0
Printed 6/2/2008

Listed in CCL3



Project Data

Weighted Mean Toxicity	**6.00**	
Toxicity RSD	0	%
Mean Weight Factor	1.00	
Weighted Mean Occurrence	**5.00**	
Occurrence RSD	113.14	%
Mean Weight Factor	0.5	

EPA Data

Weighted Mean Toxicity	**7.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	1	
Weighted Mean Occurrence	**5.50**	
Occurrence RSD	90.00	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
EPA RfD (IRIS) [plotted]	0.0009	mg/kg/d	6.00	1	2.00
Oral Slope Factor (CA OEHHA) [plotted]	0.6	mg/kg/d	6.00	1	2.00
Cal. Prop. 65 MADL or NSRL (CA OEHHA)	1	boolean	2.00	1	2.00
BMCL10 (IRIS)	0.88	ppm	6.00	4	1.25

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
On.site Surface Water Discharges (TRI) [plotted]	236	lbs	1.00	3	1.33
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	2E+06	lbs	9.00	3	1.33

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Cancer Slope Factor (OEHHA) [plotted]	3.4	(mg/(kg*d))-1	7.00	24	2.00

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Surface Water Release (TRI) [plotted]	493	lbs/year	2.00	57	1.33
Total Release (TRI) [plotted]	2E+06	lbs/year	9.00	57	1.33

* Normalization binning according to EPA method

DRAFT

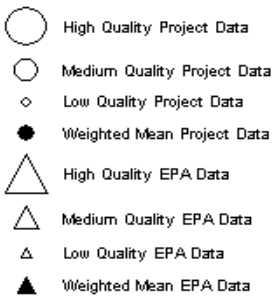
DRAFT

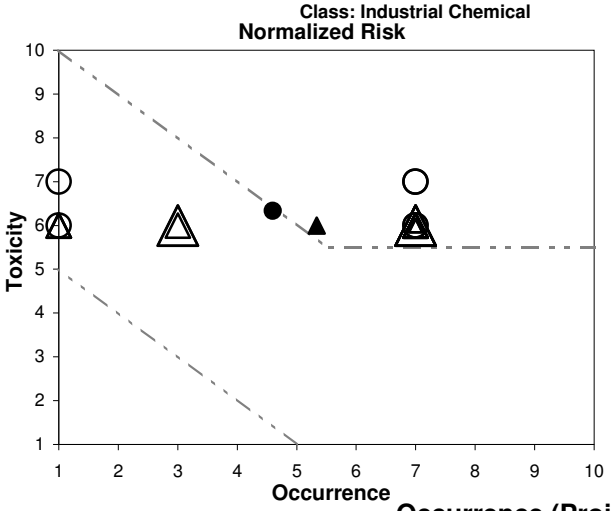
Acrolein

CAS 107-02-8

Printed 6/2/2008

Listed in CCL3





Project Data		
Weighted Mean Toxicity	**6.33**	
Toxicity RSD	10.879	%
Mean Weight Factor	0.75	
Weighted Mean Occurrence	**4.60**	
Occurrence RSD	69.28	%
Mean Weight Factor	0.4167	

EPA Data		
Weighted Mean Toxicity	**6.00**	
Toxicity RSD	0.00	%
Mean Weight Factor	0.8333	
Weighted Mean Occurrence	**5.33**	
Occurrence RSD	45.00	%
Mean Weight Factor	0.43	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
EPA RfD (IRIS) [plotted]	0.0005	mg/kg/d	6.00	1	2.00
NOAEL (IRIS) [plotted]	0.05	mg/kg/d	7.00	2	1.50
FEL (IRIS)	0.5	mg/kg/d	6.00	4	1.25

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
On.site Surface Water Discharges (TRI) [plotted]	234	lbs	1.00	3	1.33
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	248239	lbs	7.00	3	1.33
Median detection in Aquifer Study (< given) (USGS) [plotted]	2	µg/L	7.00	4	1.25

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (RAISHE) [plotted]	0.0005	mg/(kg*d)	6.00	41	2.00
Minimum Risk Level (ATSDR (ITER)) [plotted]	0.0005	mg/(kg*d)	6.00	17	2.00
Lowest Oral Chronic LOAEL (RTECS) [plotted]	0.5	mg/(kg*d)	6.00	50	1.33

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection in Ambient Water (NAWQA) [plotted]	0.18	µg/L	3.00	24	1.50
Max Concentration in Ambient Water (NAWQA) [plotted]	3.4	µg/L	7.00	24	1.50
99th Percentile Concentration in Ambient Water (NAWQA) [plotted]	3.4	µg/L	7.00	23	1.50
Surface Water Release (TRI) [plotted]	1	lbs/year	1.00	57	1.33
Total Release (TRI) [plotted]	284480	lbs/year	7.00	57	1.33
Median Concentration in Ambient Water (NAWQA) [plotted]	2.35	µg/L	7.00	23	1.25
90th Percentile Concentration in Ambient Water (NAWQA) [plotted]	3.4	µg/L	7.00	22	1.25

* Normalization binning according to EPA method

DRAFT

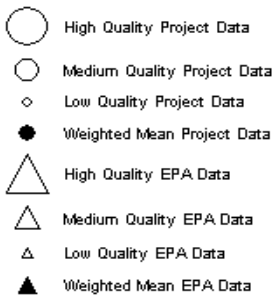
DRAFT

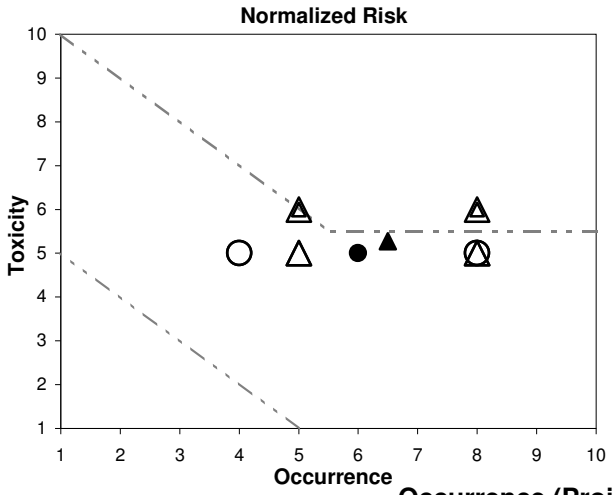
Allyl alcohol

CAS 107-18-6

Printed 6/2/2008

Listed in CCL3





Project Data		
Weighted Mean Toxicity	**5.00**	
Toxicity RSD	0	%
Mean Weight Factor	0.75	
Weighted Mean Occurrence	**6.00**	
Occurrence RSD	47.14	%
Mean Weight Factor	0.5	

EPA Data		
Weighted Mean Toxicity	**5.27**	
Toxicity RSD	10.50	%
Mean Weight Factor	0.6875	
Weighted Mean Occurrence	**6.50**	
Occurrence RSD	32.64	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
EPA RfD (IRIS) [plotted]	0.005	mg/kg/d	5.00	1	2.00
NOEL (IRIS) [plotted]	4.8	mg/kg/d	5.00	2	1.50
LOAEL (IRIS)	6.9	mg/kg/d	5.00	3	1.33

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
On.site Surface Water Discharges (TRI) [plotted]	9379	lbs	4.00	3	1.33
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	878428	lbs	8.00	3	1.33

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (EPA IRIS (ITER)) [plotted]	0.005	mg/(kg*d)	5.00	33	2.00
RfD (RAISHE) [plotted]	0.005	mg/(kg*d)	5.00	41	2.00
Lowest Oral Chronic LOAEL (RTECS) [plotted]	2.5	mg/(kg*d)	6.00	50	1.33
Lowest Oral LD50 (RTECS) [plotted]	52	mg/(kg*d)	6.00	21	1.25

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Surface Water Release (TRI) [plotted]	10971	lbs/year	5.00	57	1.33
Total Release (TRI) [plotted]	604872	lbs/year	8.00	57	1.33

* Normalization binning according to EPA method

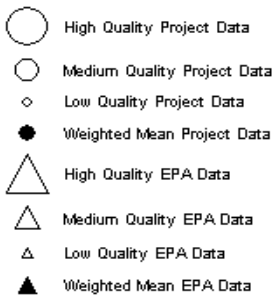
DRAFT

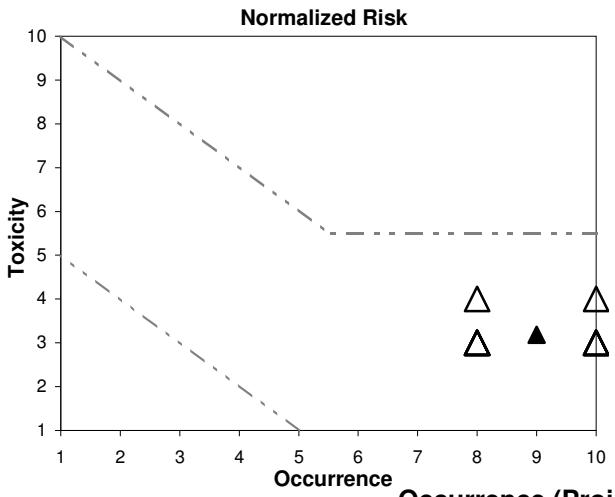
DRAFT

Ethylene glycol

CAS 107-21-1
Printed 6/2/2008

Listed in CCL3





Project Data		
Weighted Mean Toxicity	**N/A**	
Toxicity RSD	N/A	%
Mean Weight Factor	N/A	
Weighted Mean Occurrence	**N/A**	
Occurrence RSD	N/A	%
Mean Weight Factor	N/A	
EPA Data		
Weighted Mean Toxicity	**3.18**	
Toxicity RSD	12.89	%
Mean Weight Factor	0.9167	
Weighted Mean Occurrence	**9.00**	
Occurrence RSD	15.71	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (EPA IRIS (ITER)) [plotted]	2	mg/(kg*d)	3.00	33	2.00
RfD (EPA HA) [plotted]	2	mg/(kg*d)	3.00	16	2.00
RfD (RAISHE) [plotted]	2	mg/(kg*d)	3.00	41	2.00
Minimum Risk Level (ATSDR (ITER)) [plotted]	2	mg/(kg*d)	3.00	17	2.00
Tolerable Daily Intake (ITER) [plotted]	0.05	mg/(kg*d)	4.00	5	2.00
Lowest Oral Chronic LOAEL (RTECS) [plotted]	600	mg/(kg*d)	3.00	50	1.33

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Surface Water Release (TRI) [plotted]	576990	lbs/year	8.00	57	1.33
Total Release (TRI) [plotted]	1E+07	lbs/year	10.00	57	1.33

* Normalization binning according to EPA method

DRAFT

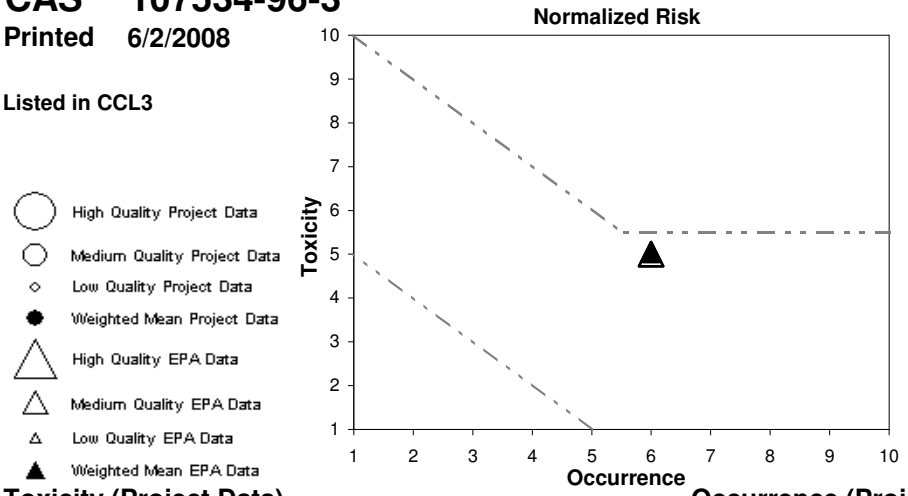
DRAFT

Tebuconazole

CAS 107534-96-3

Printed 6/2/2008

Listed in CCL3



Project Data		
Weighted Mean Toxicity	**N/A**	
Toxicity RSD	N/A	%
Mean Weight Factor	N/A	
Weighted Mean Occurrence	**N/A**	
Occurrence RSD	N/A	%
Mean Weight Factor	N/A	
EPA Data		
Weighted Mean Toxicity	**5.00**	
Toxicity RSD	0.00	%
Mean Weight Factor	0.75	
Weighted Mean Occurrence	**6.00**	
Occurrence RSD	N/A	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (EPA OPP) [plotted]	0.03	mg/(kg*d)	5.00	22	2.00
Max Acceptable Daily Intake (JMPR) [plotted]	0.03	mg/(kg*d)	5.00	23	2.00
Lowest Oral LD50 (RTECS) [plotted]	1000	mg/(kg*d)	5.00	21	1.25

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Total Pesticide Application (NCFAP) [plotted]	478568	lbs/year	6.00	31	1.33

* Normalization binning according to EPA method

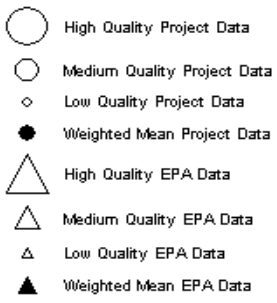
DRAFT

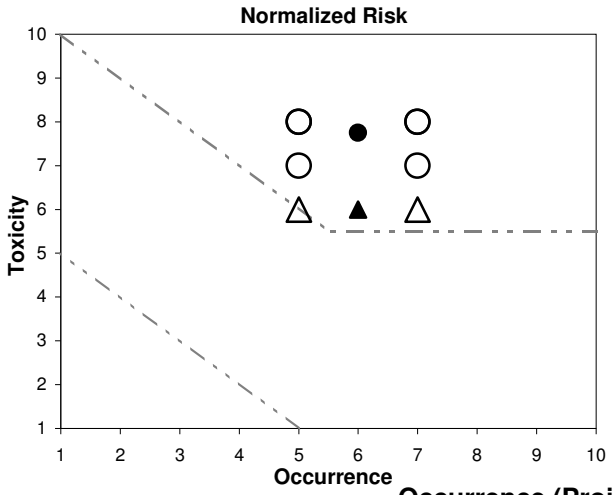
Ethylene glycol monomethyl ether

CAS 109-86-4

Printed 6/2/2008

Listed in CCL3





Project Data

Weighted Mean Toxicity	**7.75**	
Toxicity RSD	7.5307	%
Mean Weight Factor	0.67	
Weighted Mean Occurrence	**6.00**	
Occurrence RSD	23.57	%
Mean Weight Factor	0.5	

EPA Data

Weighted Mean Toxicity	**6.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	1	
Weighted Mean Occurrence	**6.00**	
Occurrence RSD	23.57	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
EPA RfD (IRIS) [plotted]	2E-05	mg/kg/d	8.00	1	2.00
Cal. Prop. 65 MADL or NSRL (CA OEHHA)	1	boolean	2.00	1	2.00
NOAEL (IRIS)	0.0171	mg/kg/d	8.00	2	1.50
LOAEL (IRIS)	0.0562	mg/kg/d	7.00	3	1.33

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
On.site Surface Water Discharges (TRI) [plotted]	27740	lbs	5.00	3	1.33
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	175158	lbs	7.00	3	1.33

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (RAISHE) [plotted]	0.001	mg/(kg*d)	6.00	41	2.00

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Surface Water Release (TRI) [plotted]	14390	lbs/year	5.00	57	1.33
Total Release (TRI) [plotted]	153774	lbs/year	7.00	57	1.33

* Normalization binning according to EPA method

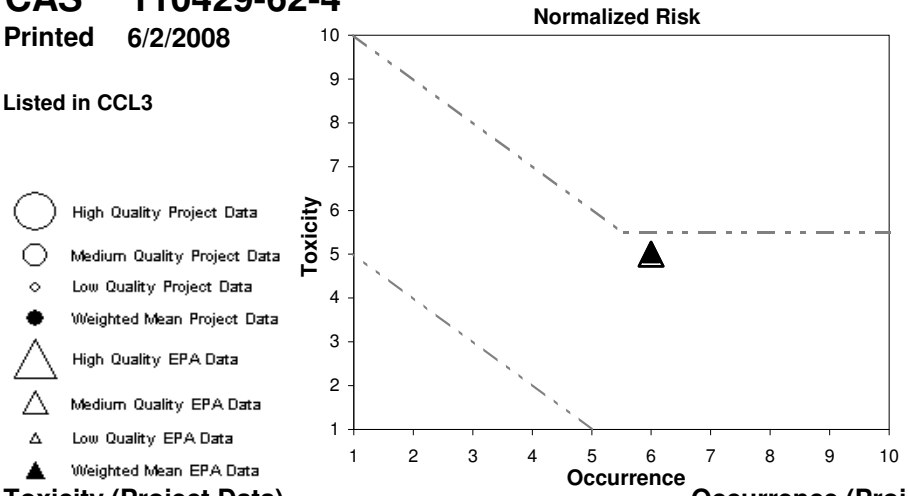
DRAFT

Clethodim

CAS 110429-62-4

Printed 6/2/2008

Listed in CCL3



Project Data		
Weighted Mean Toxicity	**N/A**	
Toxicity RSD	N/A	%
Mean Weight Factor	N/A	
Weighted Mean Occurrence	**N/A**	
Occurrence RSD	N/A	%
Mean Weight Factor	N/A	
EPA Data		
Weighted Mean Toxicity	**5.00**	
Toxicity RSD	0.00	%
Mean Weight Factor	0.75	
Weighted Mean Occurrence	**6.00**	
Occurrence RSD	N/A	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (EPA OPP) [plotted]	0.01	mg/(kg*d)	5.00	22	2.00
Max Acceptable Daily Intake (JMPR) [plotted]	0.01	mg/(kg*d)	5.00	23	2.00
Lowest Oral LD50 (RTECS) [plotted]	1360	mg/(kg*d)	5.00	21	1.25

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Total Pesticide Application (NCFAP) [plotted]	670721	lbs/year	6.00	31	1.33

* Normalization binning according to EPA method

DRAFT

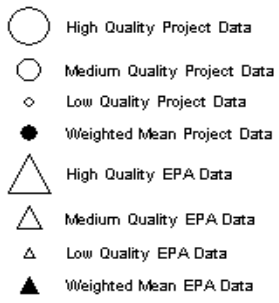
DRAFT

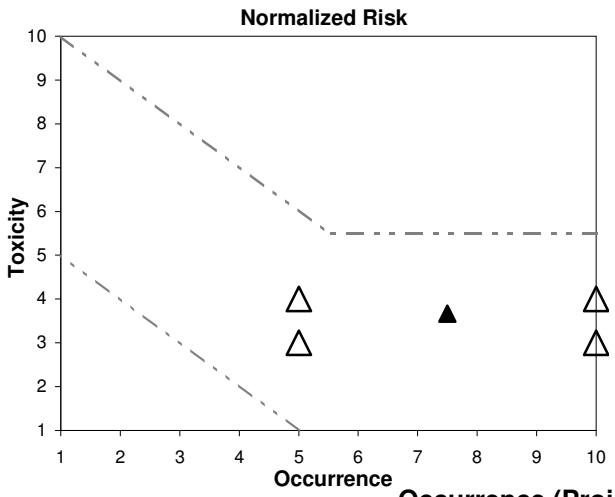
Hexane

CAS 110-54-3

Printed 6/2/2008

Listed in CCL3





Project Data

Weighted Mean Toxicity	**N/A**	
Toxicity RSD	N/A	%
Mean Weight Factor	N/A	
Weighted Mean Occurrence	**N/A**	
Occurrence RSD	N/A	%
Mean Weight Factor	N/A	

EPA Data

Weighted Mean Toxicity	**3.67**	
Toxicity RSD	20.20	%
Mean Weight Factor	0.75	
Weighted Mean Occurrence	**7.50**	
Occurrence RSD	47.14	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (RAISHE) [plotted]	0.06	mg/(kg*d)	4.00	41	2.00
Lowest Oral Chronic LOAEL (RTECS) [plotted]	1429	mg/(kg*d)	3.00	50	1.33

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Surface Water Release (TRI) [plotted]	14489	lbs/year	5.00	57	1.33
Total Release (TRI) [plotted]	4E+07	lbs/year	10.00	57	1.33

* Normalization binning according to EPA method

DRAFT

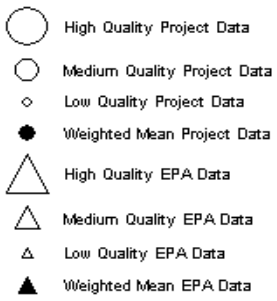
DRAFT

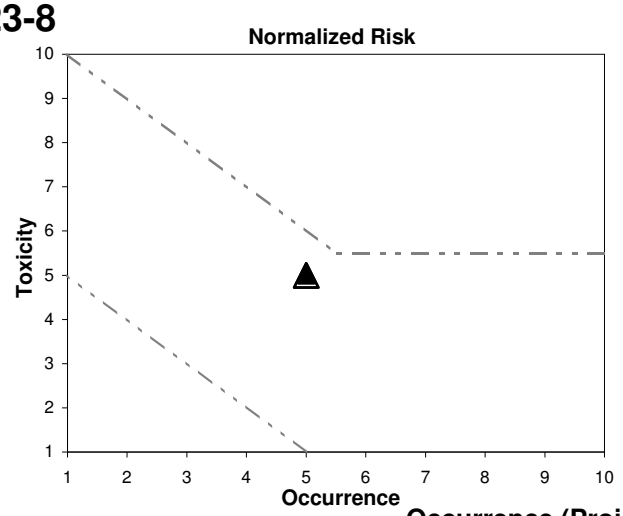
Tebufenozide

CAS 112410-23-8

Printed 6/2/2008

Listed in CCL3





Project Data		
Weighted Mean Toxicity	**N/A**	
Toxicity RSD	N/A	%
Mean Weight Factor	N/A	
Weighted Mean Occurrence	**N/A**	
Occurrence RSD	N/A	%
Mean Weight Factor	N/A	
EPA Data		
Weighted Mean Toxicity	**5.00**	
Toxicity RSD	0.00	%
Mean Weight Factor	0.75	
Weighted Mean Occurrence	**5.00**	
Occurrence RSD	N/A	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Max Acceptable Daily Intake (JMPR) [plotted]	0.02	mg/(kg*d)	5.00	23	2.00
Supplemental LOAEL (Supplemental) [plotted]	8.7	mg/(kg*d)	5.00	3	1.33

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Total Pesticide Application (NCFAP) [plotted]	104413	lbs/year	5.00	31	1.33

* Normalization binning according to EPA method

DRAFT

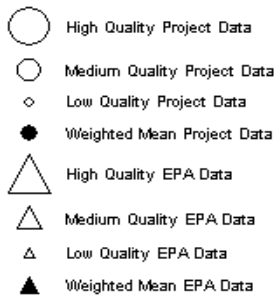
DRAFT

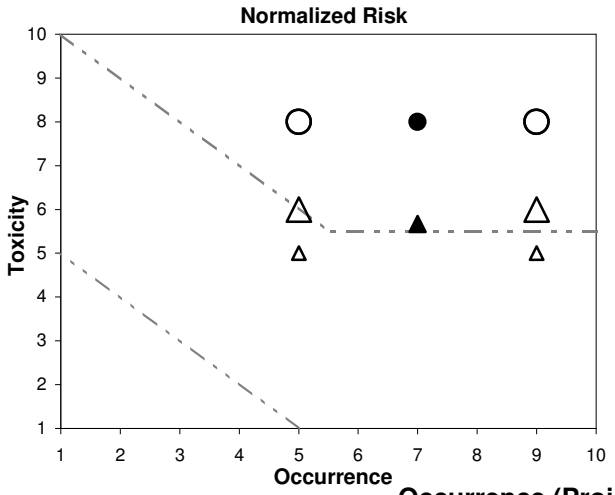
Triethylamine

CAS 121-44-8

Printed 6/2/2008

Listed in CCL3





Project Data

Weighted Mean Toxicity	**8.00**	
Toxicity RSD	0	%
Mean Weight Factor	0.75	
Weighted Mean Occurrence	**7.00**	
Occurrence RSD	40.41	%
Mean Weight Factor	0.5	

EPA Data

Weighted Mean Toxicity	**5.67**	
Toxicity RSD	12.86	%
Mean Weight Factor	0.375	
Weighted Mean Occurrence	**7.00**	
Occurrence RSD	40.41	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
EPA RfD (IRIS) [plotted]	7E-06	mg/kg/d	8.00	1	2.00
NOAEL (IRIS) [plotted]	0.0196	mg/kg/d	8.00	2	1.50

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
On.site Surface Water Discharges (TRI) [plotted]	10888	lbs	5.00	3	1.33
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	1E+06	lbs	9.00	3	1.33

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Lowest Oral Chronic LOAEL (RTECS) [plotted]	1	mg/(kg*d)	6.00	50	1.33
Lowest Oral LD50 (RTECS) [plotted]	460	mg/(kg*d)	5.00	21	1.25

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Surface Water Release (TRI) [plotted]	12000	lbs/year	5.00	57	1.33
Total Release (TRI) [plotted]	1E+06	lbs/year	9.00	57	1.33

* Normalization binning according to EPA method

DRAFT

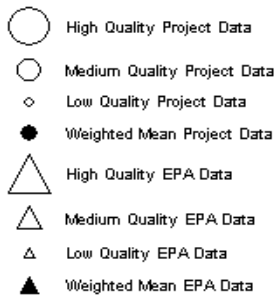
DRAFT

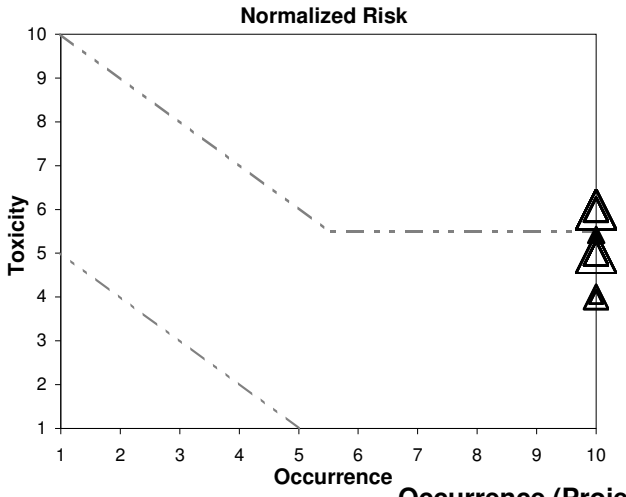
RDX

CAS 121-82-4

Printed 6/2/2008

Listed in CCL3





Project Data

Weighted Mean Toxicity	**N/A**	
Toxicity RSD	N/A	%
Mean Weight Factor	N/A	
Weighted Mean Occurrence	**N/A**	
Occurrence RSD	N/A	%
Mean Weight Factor	N/A	

EPA Data

Weighted Mean Toxicity	**5.42**	
Toxicity RSD	14.30	%
Mean Weight Factor	0.8571	
Weighted Mean Occurrence	**10.00**	
Occurrence RSD	0.00	%
Mean Weight Factor	0.38	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (EPA IRIS (ITER)) [plotted]	0.003	mg/(kg*d)	6.00	33	2.00
RfD (EPA HA) [plotted]	0.003	mg/(kg*d)	6.00	16	2.00
RfD (RAISHE) [plotted]	0.003	mg/(kg*d)	6.00	41	2.00
Minimum Risk Level (ATSDR (ITER)) [plotted]	0.03	mg/(kg*d)	5.00	17	2.00
Cancer Slope Factor (RAISHE) [plotted]	0.11	(mg/(kg*d))-1	5.00	24	2.00
Lifetime Cancer Risk (EPA) [plotted]	0.03	mg/L	5.00	17	1.50
Lowest Oral Chronic LOAEL (RTECS) [plotted]	40	mg/(kg*d)	4.00	50	1.33

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection (STORET) [plotted]	100	%	10.00	11	1.50
Max Concentration (STORET) [plotted]	270	µg/L	10.00	8	1.50
Median Concentration (STORET) [plotted]	140	µg/L	10.00	8	1.25
90th Percentile Concentration (STORET) [plotted]	229	µg/L	10.00	8	1.25

* Normalization binning according to EPA method

DRAFT

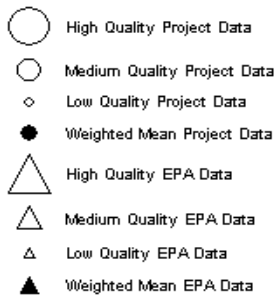
DRAFT

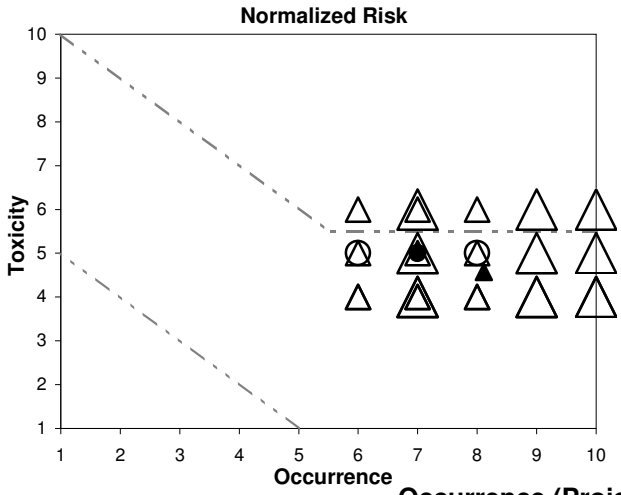
1,4-Dioxane

CAS 123-91-1

Printed 6/2/2008

Listed in CCL3





Project Data

Weighted Mean Toxicity	**5.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	1.00	
Weighted Mean Occurrence	**7.00**	
Occurrence RSD	20.20	%
Mean Weight Factor	0.5	

EPA Data

Weighted Mean Toxicity	**4.57**	
Toxicity RSD	20.16	%
Mean Weight Factor	0.875	
Weighted Mean Occurrence	**8.11**	
Occurrence RSD	18.79	%
Mean Weight Factor	0.75	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Oral Slope Factor (CA OEHHA) [plotted]	0.027	mg/kg/d	5.00	1	2.00
Cal. Prop. 65 MADL or NSRL (CA OEHHA)	1	boolean	2.00	1	2.00

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
On.site Surface Water Discharges (TRI) [plotted]	93896	lbs	6.00	3	1.33
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	516085	lbs	8.00	3	1.33

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Minimum Risk Level (ATSDR (ITER)) [plotted]	0.1	mg/(kg*d)	4.00	17	2.00
Cancer Slope Factor (RAISHE) [plotted]	0.011	(mg/(kg*d))-1	4.00	24	2.00
Cancer Slope Factor (OEHHA) [plotted]	0.027	(mg/(kg*d))-1	5.00	24	2.00
Lifetime Cancer Risk (EPA) [plotted]	0.3	mg/L	6.00	17	1.50

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection (CAL DHS) [plotted]	10.2	%	10.00	14	2.00
Max Detect Value (CAL DHS) [plotted]	46.2	µg/L	9.00	9	2.00
99th Percentile Detect Value (CAL DHS) [plotted]	7.6	µg/L	7.00	5	2.00
Surface Water Release (TRI) [plotted]	89521	lbs/year	6.00	57	1.33
Total Release (TRI) [plotted]	821067	lbs/year	8.00	57	1.33
Median Detect Value (CAL DHS) [plotted]	2.1	µg/L	7.00	9	1.33

* Normalization binning according to EPA method

DRAFT

DRAFT

Terbufos

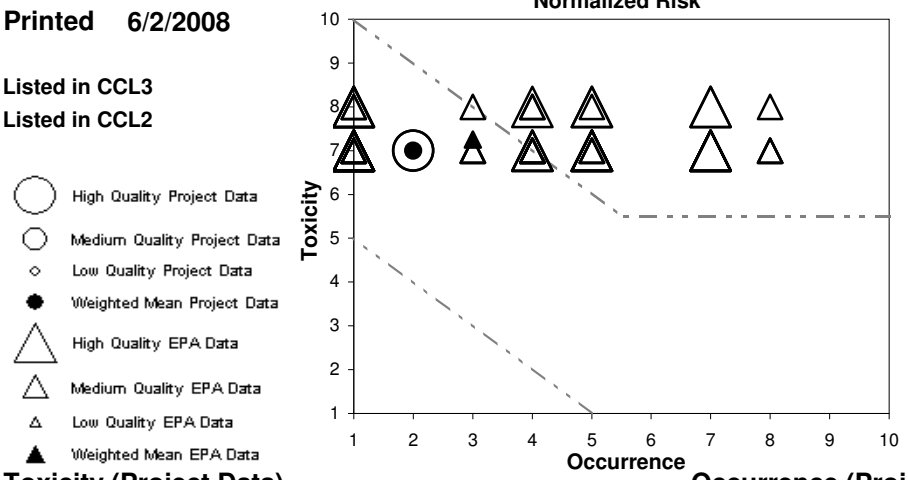
CAS 13071-79-9

Printed 6/2/2008

Class: Pesticide

Listed in CCL3

Listed in CCL2



Project Data

Weighted Mean Toxicity	**7.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	1.00	
Weighted Mean Occurrence	**2.00**	
Occurrence RSD	0.00	%
Mean Weight Factor	0.5	

EPA Data

Weighted Mean Toxicity	**7.25**	
Toxicity RSD	6.90	%
Mean Weight Factor	1	
Weighted Mean Occurrence	**3.00**	
Occurrence RSD	67.48	%
Mean Weight Factor	0.56	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD EPA 2006 DWS&HA () [plotted]	5E-05	mg/kg/d	7.00	1	2.00

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Max Concentration in Stream (USGA NAWQA) [plotted]	0.011	µg/L	2.00	2	1.50

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (EPA OPP) [plotted]	5E-05	mg/(kg*d)	7.00	22	2.00
RfD (EPA HA) [plotted]	0.0001	mg/(kg*d)	7.00	16	2.00
RfD (RAISHE) [plotted]	3E-05	mg/(kg*d)	8.00	41	2.00
Max Acceptable Daily Intake (JMPR) [plotted]	0.0002	mg/(kg*d)	7.00	23	2.00

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection in Finished Water (UMCR) [plotted]	0	µg/L	1.00	11	2.00
Max Concentration in Finished Water (UMCR) [plotted]	0	µg/L	1.00	11	2.00
99th Percentile Concentration in Finished Water (UMCR) [plotted]	0	µg/L	1.00	11	2.00
Frequency Detection (CAL DHS) [plotted]	0	%	1.00	14	2.00
Frequency Detection in Ambient Water (NAWQA) [plotted]	0.31	µg/L	4.00	24	1.50
Max Concentration in Ambient Water (NAWQA) [plotted]	0.56	µg/L	5.00	24	1.50
99th Percentile Concentration in Ambient Water (NAWQA) [plotted]	0.56	µg/L	5.00	23	1.50
Frequency Detection (STORET) [plotted]	1.2	%	7.00	11	1.50
Max Concentration (STORET) [plotted]	3.2	µg/L	7.00	8	1.50
Median Concentration in Finished Water (UMCR) [plotted]	0	µg/L	1.00	11	1.33
90th Percentile Concentration in Finished Water (UMCR) [plotted]	0	µg/L	1.00	11	1.33
Total Pesticide Application (NCFAP) [plotted]	7E+06	lbs/year	8.00	31	1.33
Median Concentration in Ambient Water (NAWQA) [plotted]	0.017	µg/L	3.00	23	1.25
90th Percentile Concentration in Ambient Water (NAWQA) [plotted]	0.21	µg/L	4.00	22	1.25
Median Concentration (STORET) [plotted]	0.185	µg/L	5.00	8	1.25
90th Percentile Concentration (STORET) [plotted]	0.202	µg/L	4.00	8	1.25

* Normalization binning according to EPA method

DRAFT

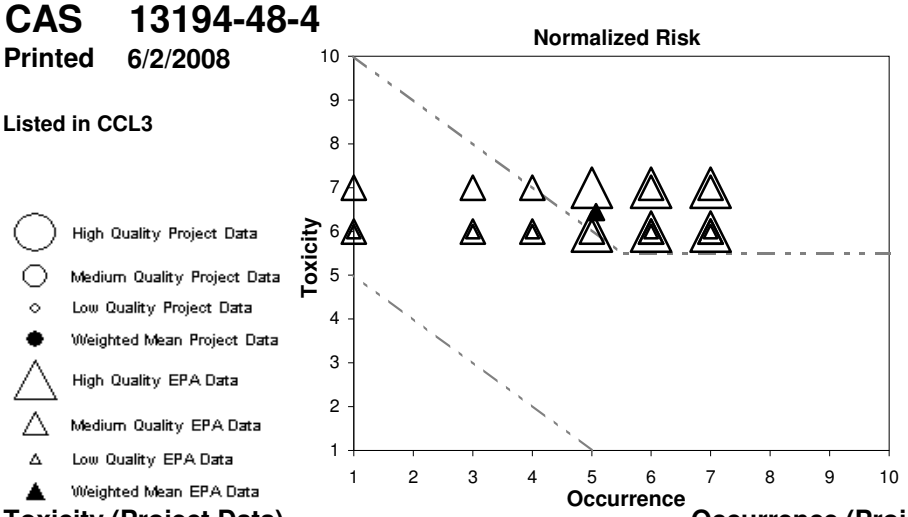
DRAFT

Ethoprophos

CAS 13194-48-4

Printed 6/2/2008

Listed in CCL3



Project Data		
Weighted Mean Toxicity	**N/A**	
Toxicity RSD	N/A	%
Mean Weight Factor	N/A	
Weighted Mean Occurrence	**4.75**	
Occurrence RSD	55.37	%
Mean Weight Factor	0.5	
EPA Data		
Weighted Mean Toxicity	**6.44**	
Toxicity RSD	9.12	%
Mean Weight Factor	0.75	
Weighted Mean Occurrence	**5.07**	
Occurrence RSD	43.08	%
Mean Weight Factor	0.44	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Cal. Prop. 65 MADL or NSRL (CA OEHHA)	1	boolean	2.00	1	2.00

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection in Surface Water of the Yakima River Basin, WA (Ebbert) [plotted]	1.0204	%	7.00	2	1.50
Max Concentration in Source Water (Battaglin) [plotted]	0.045	µg/L	3.00	2	1.50
Max Concentration in Surface Water (Ebbert) [plotted]	0.017	µg/L	2.00	2	1.50
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	104059	lbs	7.00	3	1.33

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (EPA OPP) [plotted]	0.0001	mg/(kg*d)	7.00	22	2.00
Max Acceptable Daily Intake (JMPR) [plotted]	0.0004	mg/(kg*d)	6.00	23	2.00
Lowest Oral LD50 (RTECS) [plotted]	33	mg/(kg*d)	6.00	21	1.25

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection in Ambient Water (NAWQA) [plotted]	1.18	µg/L	7.00	24	1.50
Max Concentration in Ambient Water (NAWQA) [plotted]	1.95	µg/L	6.00	24	1.50
99th Percentile Concentration in Ambient Water (NAWQA) [plotted]	0.8	µg/L	5.00	23	1.50
Total Pesticide Application (NCFAP) [plotted]	1E+06	lbs/year	7.00	31	1.33
Surface Water Release (TRI) [plotted]	0	lbs/year	1.00	57	1.33
Total Release (TRI) [plotted]	77786	lbs/year	6.00	57	1.33
Median Concentration in Ambient Water (NAWQA) [plotted]	0.011	µg/L	3.00	23	1.25
90th Percentile Concentration in Ambient Water (NAWQA) [plotted]	0.096	µg/L	4.00	22	1.25

* Normalization binning according to EPA method

DRAFT

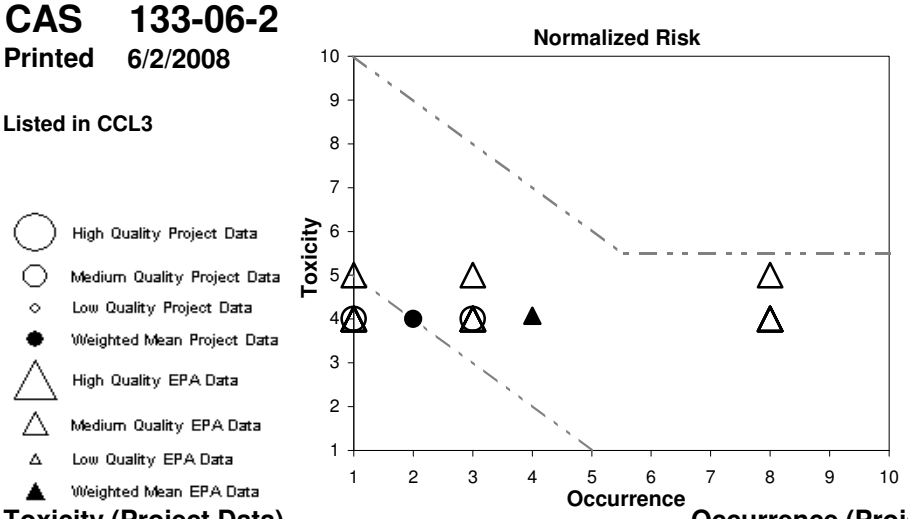
DRAFT

Captan

CAS 133-06-2

Printed 6/2/2008

Listed in CCL3



Project Data		
Weighted Mean Toxicity	**4.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	1.00	
Weighted Mean Occurrence	**2.00**	
Occurrence RSD	70.71	%
Mean Weight Factor	0.5	
EPA Data		
Weighted Mean Toxicity	**4.08**	
Toxicity RSD	9.12	%
Mean Weight Factor	0.9286	
Weighted Mean Occurrence	**4.00**	
Occurrence RSD	90.14	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
EPA RfD (IRIS) [plotted]	0.13	mg/kg/d	4.00	1	2.00

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
On.site Surface Water Discharges (TRI) [plotted]	10	lbs	1.00	3	1.33

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (EPA IRIS (ITER)) [plotted]	0.13	mg/(kg*d)	4.00	33	2.00
RfD (RAISHE) [plotted]	0.13	mg/(kg*d)	4.00	41	2.00
Max Acceptable Daily Intake (JMPR) [plotted]	0.1	mg/(kg*d)	4.00	23	2.00
Cancer Slope Factor (RAISHE) [plotted]	0.0035	(mg/(kg*d))-1	4.00	24	2.00
Cancer Slope Factor (OEHHA) [plotted]	0.0023	(mg/(kg*d))-1	4.00	24	2.00
Slope Factor (OPP) [plotted]	0.0024	(mg/(kg*d))-1	4.00	3	2.00
Lowest Oral Chronic LOAEL (RTECS) [plotted]	19.9	mg/(kg*d)	5.00	50	1.33

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Total Pesticide Application (NCFAP) [plotted]	4E+06	lbs/year	8.00	31	1.33
Surface Water Release (TRI) [plotted]	15	lbs/year	1.00	57	1.33
Total Release (TRI) [plotted]	2938	lbs/year	3.00	57	1.33

* Normalization binning according to EPA method

DRAFT

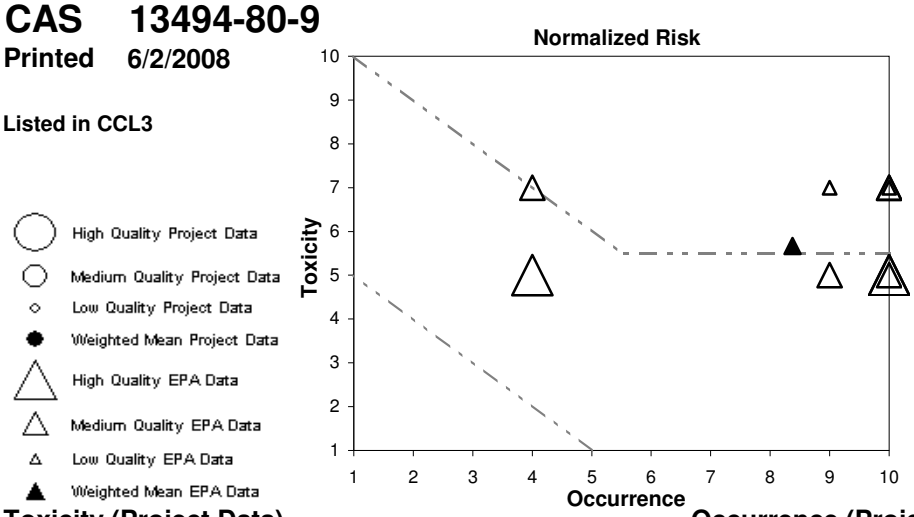
DRAFT

Tellurium

CAS 13494-80-9

Printed 6/2/2008

Listed in CCL3



Project Data

Weighted Mean Toxicity	**N/A**	
Toxicity RSD	N/A	%
Mean Weight Factor	N/A	
Weighted Mean Occurrence	**N/A**	
Occurrence RSD	N/A	%
Mean Weight Factor	N/A	

EPA Data

Weighted Mean Toxicity	**5.67**	
Toxicity RSD	23.57	%
Mean Weight Factor	0.375	
Weighted Mean Occurrence	**8.38**	
Occurrence RSD	30.32	%
Mean Weight Factor	0.80	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Supplemental NOEL (Supplemental) [plotted]	25	mg/(kg*d)	5.00	9	1.50
Lowest Oral LD50 (RTECS) [plotted]	20	mg/(kg*d)	7.00	21	1.25

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection in Finished Water (NIRS) [plotted]	0.4	µg/L	4.00	5	2.00
Max Concentration in Finished Water (NIRS) [plotted]	370	µg/L	10.00	5	2.00
99th Percentile Concentration in Finished Water (NIRS) [plotted]	360	µg/L	10.00	5	2.00
Median Concentration in Finished Water (NIRS) [plotted]	22	µg/L	9.00	5	1.33
90th Percentile Concentration in Finished Water (NIRS) [plotted]	260	µg/L	10.00	5	1.33

* Normalization binning according to EPA method

DRAFT

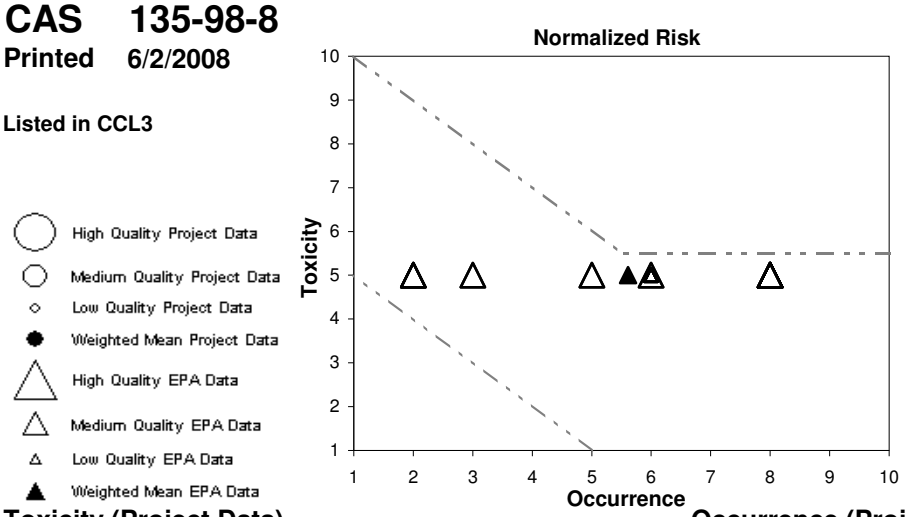
DRAFT

sec-Butylbenzene

CAS 135-98-8

Printed 6/2/2008

Listed in CCL3



Project Data

Weighted Mean Toxicity	**N/A**	
Toxicity RSD	N/A	%
Mean Weight Factor	N/A	
Weighted Mean Occurrence	**N/A**	
Occurrence RSD	N/A	%
Mean Weight Factor	N/A	

EPA Data

Weighted Mean Toxicity	**5.00**	
Toxicity RSD	0.00	%
Mean Weight Factor	0.375	
Weighted Mean Occurrence	**5.61**	
Occurrence RSD	38.78	%
Mean Weight Factor	0.69	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Lowest Oral Chronic LOAEL (RTECS) [plotted]	4.42	mg/(kg*d)	5.00	50	1.33
Lowest Oral LD50 (HSDB) [plotted]	2240	mg/(kg*d)	5.00	1	1.25

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection in Round 1 Finished Water (NCOD) [plotted]	0.227	µg/L	3.00	7	2.00
Max Concentration in Round 1 Finished Water (NCOD) [plotted]	19.8	µg/L	8.00	7	2.00
99th Percentile Concentration in Round 1 Finished Water (NCOD) [plotted]	0.0198	µg/L	2.00	7	2.00
Frequency Detection in Round 2 Finished Water (NCOD) [plotted]	0.148	µg/L	2.00	12	2.00
Max Concentration in Round 2 Finished Water (NCOD) [plotted]	22	µg/L	8.00	12	2.00
99th Percentile Concentration in Round 2 Finished Water (NCOD) [plotted]	19.8	µg/L	8.00	12	2.00
Frequency Detection in Ambient Water (NAWQA) [plotted]	0.58	µg/L	5.00	24	1.50
Max Concentration in Ambient Water (NAWQA) [plotted]	11	µg/L	8.00	24	1.50
99th Percentile Concentration in Ambient Water (NAWQA) [plotted]	11	µg/L	8.00	24	1.50
Median Concentration in Round 1 Finished Water (NCOD) [plotted]	0.7	µg/L	6.00	7	1.33
Median Concentration in Round 2 Finished Water (NCOD) [plotted]	0.6	µg/L	6.00	12	1.33
Median Concentration in Ambient Water (NAWQA) [plotted]	0.39	µg/L	6.00	24	1.25
90th Percentile Concentration in Ambient Water (NAWQA) [plotted]	2.81	µg/L	6.00	23	1.25

* Normalization binning according to EPA method

DRAFT

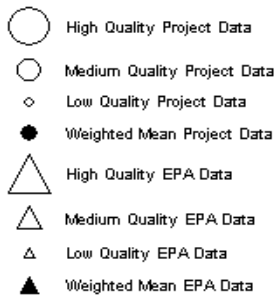
DRAFT

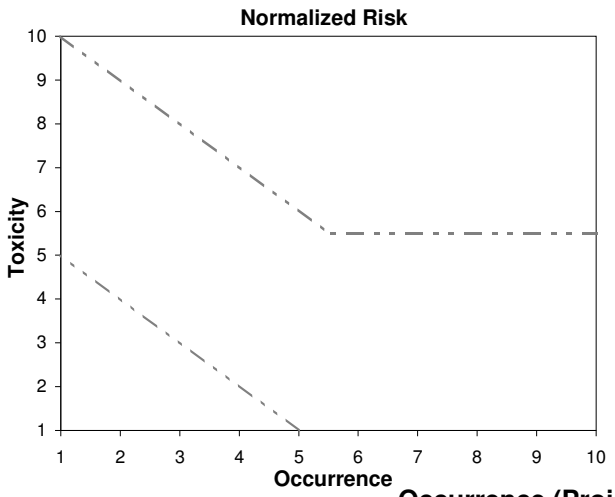
Ziram

CAS 137-30-4

Printed 6/2/2008

Listed in CCL3





Project Data

Weighted Mean Toxicity	**N/A**	
Toxicity RSD	N/A	%
Mean Weight Factor	N/A	
Weighted Mean Occurrence	**N/A**	
Occurrence RSD	N/A	%
Mean Weight Factor	N/A	

EPA Data

Weighted Mean Toxicity	**5.50**	
Toxicity RSD	9.78	%
Mean Weight Factor	0.8	
Weighted Mean Occurrence	**N/A**	
Occurrence RSD	N/A	%
Mean Weight Factor	N/A	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (EPA OPP) [plotted]	0.016	mg/(kg*d)	5.00	22	2.00
Max Acceptable Daily Intake (JMPR) [plotted]	0.003	mg/(kg*d)	6.00	23	2.00
Slope Factor (OPP) [plotted]	0.0611	(mg/(kg*d))-1	5.00	3	2.00
NOAEL (OPP) [plotted]	1.6	(mg/(kg*d))-1	6.00	1	1.50
Lowest Oral Chronic LOAEL (RTECS) [plotted]	1	mg/(kg*d)	6.00	50	1.33

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

* Normalization binning according to EPA method

DRAFT

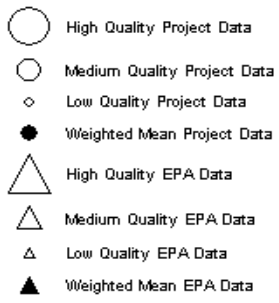
DRAFT

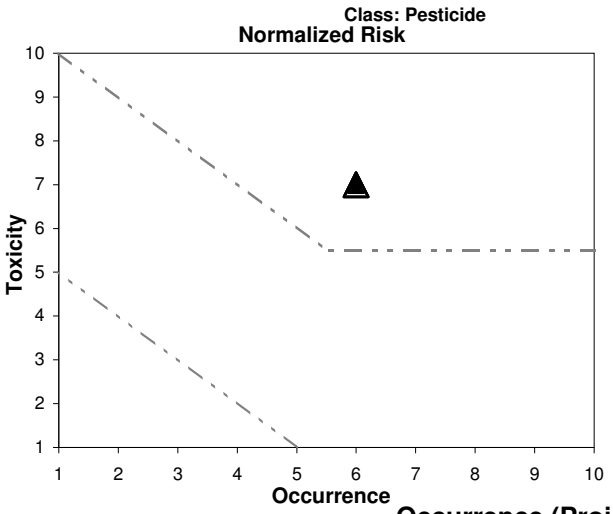
Dicrotophos (Bidrin)

CAS 141-66-2

Printed 6/2/2008

Listed in CCL3





Project Data		
Weighted Mean Toxicity	**7.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	1.00	
Weighted Mean Occurrence	**N/A**	
Occurrence RSD	N/A	%
Mean Weight Factor	N/A	
EPA Data		
Weighted Mean Toxicity	**7.00**	
Toxicity RSD	0.00	%
Mean Weight Factor	0.8125	
Weighted Mean Occurrence	**6.00**	
Occurrence RSD	N/A	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
EPA RfD (IRIS) [plotted]	0.0001	mg/kg/d	7.00	1	2.00
NOEL (IRIS)	0.1	mg/kg/d	7.00	2	1.50
LEL (IRIS)	0.25	mg/kg/d	7.00	3	1.33

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (EPA OPP) [plotted]	7E-05	mg/(kg*d)	7.00	22	2.00
RfD (EPA IRIS (ITER)) [plotted]	0.0001	mg/(kg*d)	7.00	33	2.00
RfD (RAISHE) [plotted]	0.0001	mg/(kg*d)	7.00	41	2.00
Lowest Oral LD50 (RTECS) [plotted]	11	mg/(kg*d)	7.00	21	1.25

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Total Pesticide Application (NCFAP) [plotted]	359726	lbs/year	6.00	31	1.33

* Normalization binning according to EPA method

DRAFT

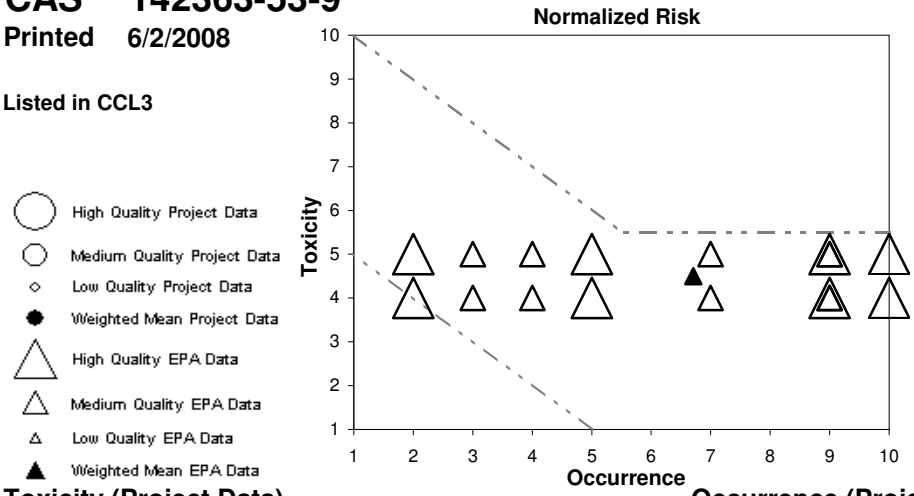
DRAFT

alachlor ESA

CAS 142363-53-9

Printed 6/2/2008

Listed in CCL3



Project Data

Weighted Mean Toxicity	**N/A**	
Toxicity RSD	N/A	%
Mean Weight Factor	N/A	
Weighted Mean Occurrence	**6.33**	
Occurrence RSD	8.00	%
Mean Weight Factor	0.375	

EPA Data

Weighted Mean Toxicity	**4.50**	
Toxicity RSD	15.71	%
Mean Weight Factor	0.5	
Weighted Mean Occurrence	**6.71**	
Occurrence RSD	46.62	%
Mean Weight Factor	0.67	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
95th Percentile Concentration in Source Water (Battaglin) [plotted]	2.14	µg/L	6.00	2	1.50
Max Concentration in Source Water (Battaglin) [plotted]	4.52	µg/L	7.00	2	1.50
50th Percentile Concentration in Source Water (Battaglin) [plotted]	0.58	µg/L	6.00	4	1.25
75th Percentile Concentration in Source Water (Battaglin) [plotted]	0.99	µg/L	6.00	4	1.25

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Supplemental NOEL (Supplemental) [plotted]	157	mg/(kg*d)	4.00	9	1.50
Lifetime Cancer Risk (EPA) [plotted]	0.04	mg/L	5.00	17	1.50

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection in Finished Water (PDP, 2001) [plotted]	3.8	%	9.00	7	2.00
Max Concentration in Finished Water (PDP, 2001) [plotted]	0.5	µg/L	5.00	7	2.00
Frequency Detection in Finished Water (PDP, 2002) [plotted]	32.6	%	10.00	5	2.00
Max Concentration in Finished Water (PDP, 2002) [plotted]	0.02	µg/L	2.00	5	2.00
Frequency Detection in Ambient Water (NAWQA) [plotted]	7.9	µg/L	9.00	24	1.50
Max Concentration in Ambient Water (NAWQA) [plotted]	38.2	µg/L	9.00	24	1.50
99th Percentile Concentration in Ambient Water (NAWQA) [plotted]	3.33	µg/L	7.00	24	1.50
Median Concentration in Ambient Water (NAWQA) [plotted]	0.015	µg/L	3.00	24	1.25
90th Percentile Concentration in Ambient Water (NAWQA) [plotted]	0.256	µg/L	4.00	23	1.25

* Normalization binning according to EPA method

DRAFT

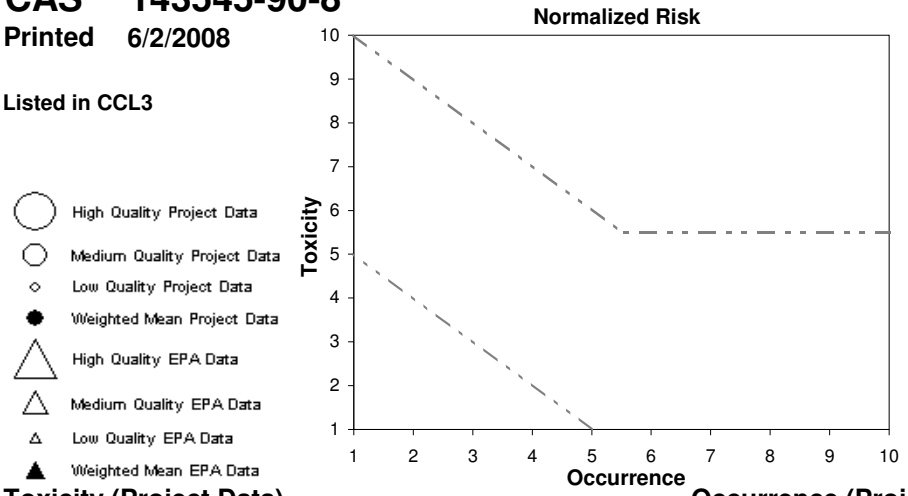
DRAFT

Cylindrospermopsin

CAS 143545-90-8

Printed 6/2/2008

Listed in CCL3



Project Data

Weighted Mean Toxicity	**N/A**	
Toxicity RSD	N/A	%
Mean Weight Factor	N/A	
Weighted Mean Occurrence	**N/A**	
Occurrence RSD	N/A	%
Mean Weight Factor	N/A	

EPA Data

Weighted Mean Toxicity	**10.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	1	
Weighted Mean Occurrence	**N/A**	
Occurrence RSD	N/A	%
Mean Weight Factor	N/A	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Supplemental RfD-like Value (Supplemental) [plotted]	3E-05	mg/(kg*d)	10.00	5	2.00

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

* Normalization binning according to EPA method

DRAFT

DRAFT

Perchlorate

CAS 14797-73-0

Printed 6/2/2008

Listed in CCL3

Listed in CCL2

Listed in CCL1

High Quality Project Data

Medium Quality Project Data

Low Quality Project Data

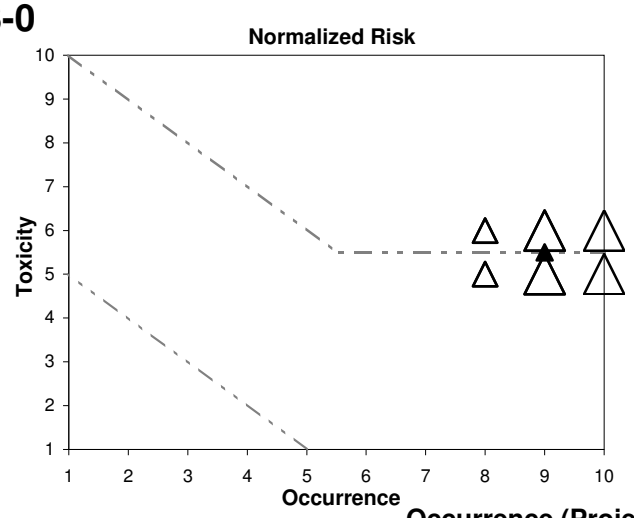
Weighted Mean Project Data

High Quality EPA Data

Medium Quality EPA Data

Low Quality EPA Data

Weighted Mean EPA Data



Project Data		
Weighted Mean Toxicity	**N/A**	
Toxicity RSD	N/A	%
Mean Weight Factor	N/A	
Weighted Mean Occurrence	**N/A**	
Occurrence RSD	N/A	%
Mean Weight Factor	N/A	
EPA Data		
Weighted Mean Toxicity	**5.50**	
Toxicity RSD	12.86	%
Mean Weight Factor	1	
Weighted Mean Occurrence	**9.00**	
Occurrence RSD	9.51	%
Mean Weight Factor	0.80	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (EPA IRIS (ITER)) [plotted]	0.0007	mg/(kg*d)	6.00	33	2.00
Supplemental RfD-like Value (Supplemental) [plotted]	6	mg/(kg*d)	5.00	5	2.00

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection in Finished Water (UMCR) [plotted]	4.14	µg/L	9.00	11	2.00
Max Concentration in Finished Water (UMCR) [plotted]	420	µg/L	10.00	11	2.00
99th Percentile Concentration in Finished Water (UMCR) [plotted]	59	µg/L	9.00	11	2.00
Median Concentration in Finished Water (UMCR) [plotted]	6.5	µg/L	8.00	11	1.33
90th Percentile Concentration in Finished Water (UMCR) [plotted]	14	µg/L	8.00	11	1.33

* Normalization binning according to EPA method

DRAFT

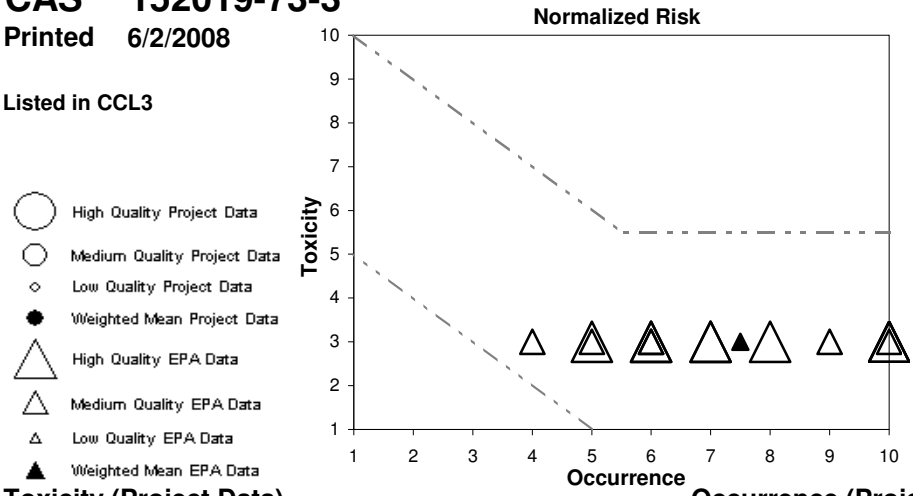
DRAFT

metolachlor OA

CAS 152019-73-3

Printed 6/2/2008

Listed in CCL3



Project Data		
Weighted Mean Toxicity	**N/A**	
Toxicity RSD	N/A	%
Mean Weight Factor	N/A	
Weighted Mean Occurrence	**6.50**	
Occurrence RSD	8.88	%
Mean Weight Factor	0.375	
EPA Data		
Weighted Mean Toxicity	**3.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	0.5	
Weighted Mean Occurrence	**7.50**	
Occurrence RSD	28.71	%
Mean Weight Factor	0.77	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
95th Percentile Concentration in Source Water (Battaglin) [plotted]	2.4	µg/L	6.00	2	1.50
Max Concentration in Source Water (Battaglin) [plotted]	6.37	µg/L	7.00	2	1.50
50th Percentile Concentration in Source Water (Battaglin) [plotted]	0.76	µg/L	6.00	4	1.25
75th Percentile Concentration in Source Water (Battaglin) [plotted]	1.28	µg/L	7.00	4	1.25

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Supplemental NOEL (Supplemental) [plotted]	1000	mg/(kg*d)	3.00	9	1.50

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection in Round 2 Finished Water (NCOD) [plotted]	0.89	µg/L	6.00	12	2.00
Max Concentration in Round 2 Finished Water (NCOD) [plotted]	13.8	µg/L	8.00	12	2.00
99th Percentile Concentration in Round 2 Finished Water (NCOD) [plotted]	7.1	µg/L	7.00	12	2.00
Frequency Detection (CAL DHS) [plotted]	0.2	%	10.00	14	2.00
Max Detect Value (CAL DHS) [plotted]	0.7	µg/L	5.00	9	2.00
Frequency Detection in Finished Water (PDP, 2001) [plotted]	10.1	%	10.00	7	2.00
Max Concentration in Finished Water (PDP, 2001) [plotted]	4.42	µg/L	7.00	7	2.00
Frequency Detection in Finished Water (PDP, 2002) [plotted]	37.6	%	10.00	5	2.00
Max Concentration in Finished Water (PDP, 2002) [plotted]	1.41	µg/L	6.00	5	2.00
Frequency Detection (STORET) [plotted]	32.5	%	10.00	11	1.50
Max Concentration (STORET) [plotted]	86	µg/L	9.00	8	1.50
Median Concentration in Round 2 Finished Water (NCOD) [plotted]	0.57	µg/L	6.00	12	1.33
Median Detect Value (CAL DHS) [plotted]	0.06	µg/L	4.00	9	1.33
Median Concentration (STORET) [plotted]	0.19	µg/L	5.00	8	1.25
90th Percentile Concentration (STORET) [plotted]	1.4	µg/L	6.00	8	1.25

* Normalization binning according to EPA method

DRAFT

DRAFT

Methyl tert-butyl ether (MTBE)

CAS 1634-04-4

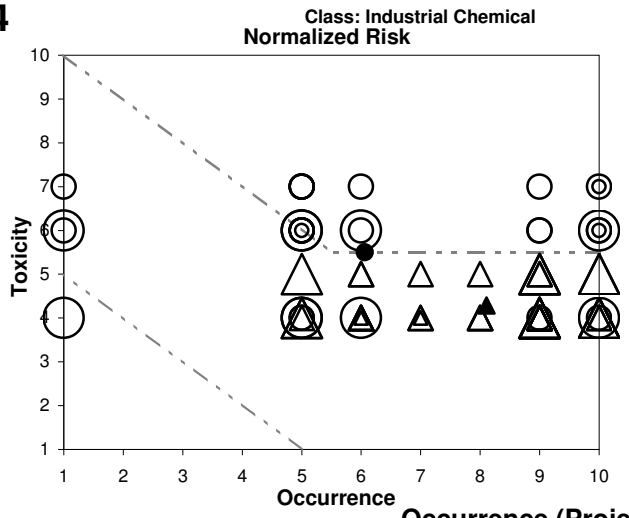
Printed 6/2/2008

Listed in CCL3

Listed in CCL2

Listed in CCL1

High Quality Project Data
Medium Quality Project Data
Low Quality Project Data
Weighted Mean Project Data
High Quality EPA Data
Medium Quality EPA Data
Low Quality EPA Data
Weighted Mean EPA Data



Project Data

Weighted Mean Toxicity	**5.50**	
Toxicity RSD	21.884	%
Mean Weight Factor	0.75	
Weighted Mean Occurrence	**6.06**	
Occurrence RSD	47.39	%
Mean Weight Factor	0.4444	

EPA Data

Weighted Mean Toxicity	**4.29**	
Toxicity RSD	11.76	%
Mean Weight Factor	0.875	
Weighted Mean Occurrence	**8.11**	
Occurrence RSD	20.74	%
Mean Weight Factor	0.58	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
EPA RfD (IRIS) [plotted]	0.003	mg/kg/d	6.00	1	2.00
Oral Slope Factor (CA OEHHA) [plotted]	0.0018	mg/kg/d	4.00	1	2.00
NOAEL (IRIS) [plotted]	0.2598	mg/kg/d	7.00	2	1.50
LOAEL (IRIS) [plotted]	1.9518	mg/kg/d	6.00	3	1.33

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection in Aquifer Samples (USGS) [plotted]	0.0083	%	1.00	2	1.50
River Median Concentration (Krasner) [plotted]	0.2	ng/L	5.00	2	1.50
River Maximum Concentration (Krasner) [plotted]	0.3536	ng/L	5.00	2	1.50
DWTP Median Concentration (Krasner) [plotted]	0.9006	ng/L	6.00	2	1.50
DWTP Maximum Concentration (Krasner) [plotted]	23000	ng/L	10.00	2	1.50
On.site Surface Water Discharges (TRI) [plotted]	18814	lbs	5.00	3	1.33
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	2E+06	lbs	9.00	3	1.33
Median detection in Aquifer Study (< given) (USGS) [plotted]	0.17	µg/L	5.00	4	1.25
Grazing Rangeland Surface Water Frequency (Kolodziej) [plotted]	11.9	%	10.00	2	1.17

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Minimum Risk Level (ATSDR (ITER)) [plotted]	0.3	mg/(kg*d)	4.00	17	2.00
Tolerable Daily Intake (ITER) [plotted]	0.01	mg/(kg*d)	5.00	5	2.00
Cancer Slope Factor (OEHHA) [plotted]	0.0018	(mg/(kg*d))-1	4.00	24	2.00
Lowest Oral Chronic LOAEL (RTECS) [plotted]	300	mg/(kg*d)	4.00	50	1.33

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection in Finished Water (UMCR) [plotted]	0.47	µg/L	5.00	11	2.00
Max Concentration in Finished Water (UMCR) [plotted]	49	µg/L	9.00	11	2.00
99th Percentile Concentration in Finished Water (UMCR) [plotted]	49	µg/L	9.00	11	2.00
Frequency Detection in Ambient Water (NAWQA) [plotted]	9.8	µg/L	9.00	24	1.50
Max Concentration in Ambient Water (NAWQA) [plotted]	2300	µg/L	10.00	24	1.50
99th Percentile Concentration in Ambient Water (NAWQA) [plotted]	1800	µg/L	10.00	24	1.50
Median Concentration in Finished Water (UMCR) [plotted]	9.2	µg/L	8.00	11	1.33
90th Percentile Concentration in Finished Water (UMCR) [plotted]	36	µg/L	9.00	11	1.33
Surface Water Release (TRI) [plotted]	40177	lbs/year	6.00	57	1.33
Total Release (TRI) [plotted]	2E+06	lbs/year	9.00	57	1.33
Median Concentration in Ambient Water (NAWQA) [plotted]	0.3	µg/L	6.00	24	1.25
90th Percentile Concentration in Ambient Water (NAWQA) [plotted]	7.85	µg/L	7.00	23	1.25

* Normalization binning according to EPA method

DRAFT

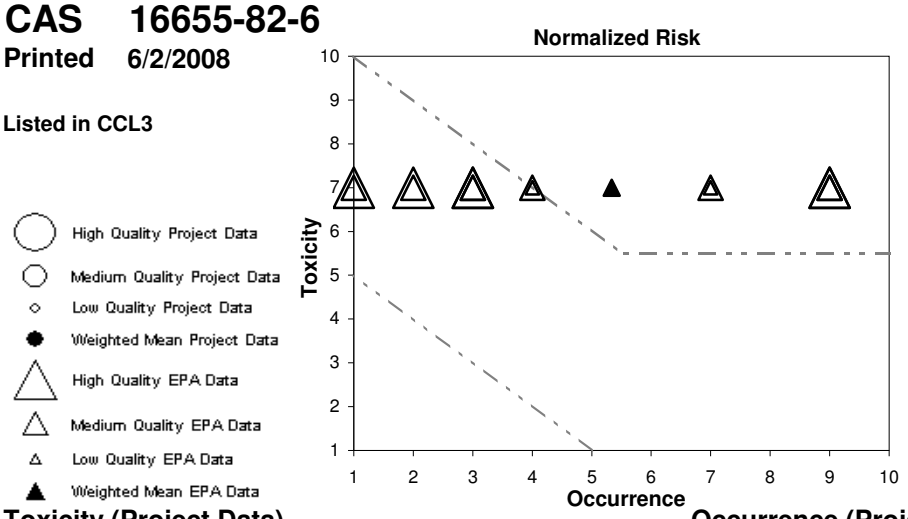
DRAFT

3-Hydroxycarbofuran

CAS 16655-82-6

Printed 6/2/2008

Listed in CCL3



Project Data		
Weighted Mean Toxicity	**N/A**	
Toxicity RSD	N/A	%
Mean Weight Factor	N/A	
Weighted Mean Occurrence	**N/A**	
Occurrence RSD	N/A	%
Mean Weight Factor	N/A	
EPA Data		
Weighted Mean Toxicity	**7.00**	
Toxicity RSD	0.00	%
Mean Weight Factor	0.625	
Weighted Mean Occurrence	**5.33**	
Occurrence RSD	66.34	%
Mean Weight Factor	0.66	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (EPA OPP) [plotted]	6E-05	mg/(kg*d)	7.00	22	2.00
Lowest Oral LD50 (RTECS) [plotted]	7	mg/(kg*d)	7.00	21	1.25

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection in Round 2 Finished Water (NCOD) [plotted]	0.14	µg/L	2.00	12	2.00
Max Concentration in Round 2 Finished Water (NCOD) [plotted]	66.3	µg/L	9.00	12	2.00
99th Percentile Concentration in Round 2 Finished Water (NCOD) [plotted]	66.3	µg/L	9.00	12	2.00
Frequency Detection in Ambient Water (NAWQA) [plotted]	0.022	µg/L	1.00	24	1.50
Max Concentration in Ambient Water (NAWQA) [plotted]	0.07	µg/L	3.00	24	1.50
99th Percentile Concentration in Ambient Water (NAWQA) [plotted]	0.07	µg/L	3.00	24	1.50
Median Concentration in Round 2 Finished Water (NCOD) [plotted]	2.2	µg/L	7.00	12	1.33
Median Concentration in Ambient Water (NAWQA) [plotted]	0.07	µg/L	4.00	24	1.25

* Normalization binning according to EPA method

DRAFT

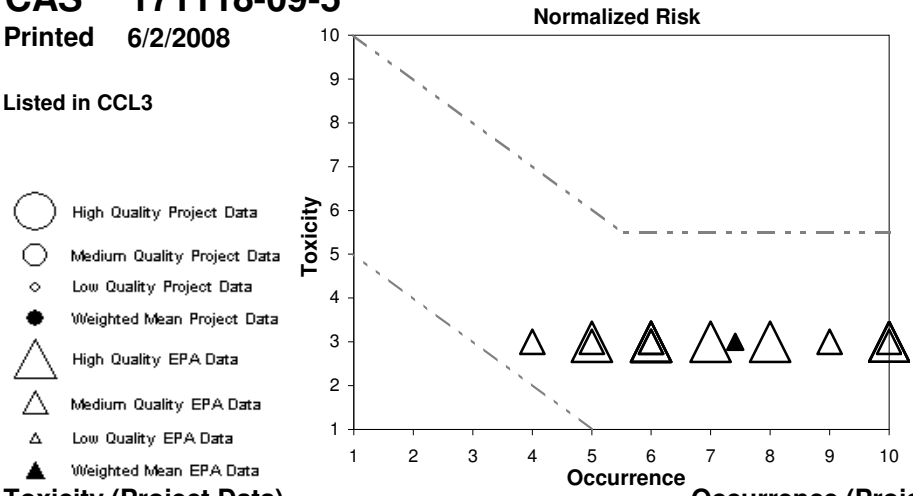
DRAFT

metolachlor ESA

CAS 171118-09-5

Printed 6/2/2008

Listed in CCL3



Project Data

Weighted Mean Toxicity	**N/A**	
Toxicity RSD	N/A	%
Mean Weight Factor	N/A	
Weighted Mean Occurrence	**7.33**	
Occurrence RSD	6.90	%
Mean Weight Factor	0.375	

EPA Data

Weighted Mean Toxicity	**3.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	0.5	
Weighted Mean Occurrence	**7.41**	
Occurrence RSD	29.32	%
Mean Weight Factor	0.77	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
95th Percentile Concentration in Source Water (Battaglin) [plotted]	5.08	µg/L	7.00	2	1.50
Max Concentration in Source Water (Battaglin) [plotted]	12.4	µg/L	8.00	2	1.50
50th Percentile Concentration in Source Water (Battaglin) [plotted]	1.55	µg/L	7.00	4	1.25
75th Percentile Concentration in Source Water (Battaglin) [plotted]	2.87	µg/L	7.00	4	1.25

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Supplemental NOEL (Supplemental) [plotted]	1000	mg/(kg*d)	3.00	9	1.50

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection in Round 2 Finished Water (NCOD) [plotted]	0.89	µg/L	6.00	12	2.00
Max Concentration in Round 2 Finished Water (NCOD) [plotted]	13.8	µg/L	8.00	12	2.00
99th Percentile Concentration in Round 2 Finished Water (NCOD) [plotted]	7.1	µg/L	7.00	12	2.00
Frequency Detection (CAL DHS) [plotted]	0.2	%	10.00	14	2.00
Max Detect Value (CAL DHS) [plotted]	0.7	µg/L	5.00	9	2.00
Frequency Detection in Finished Water (PDP, 2001) [plotted]	22.9	%	10.00	7	2.00
Max Concentration in Finished Water (PDP, 2001) [plotted]	2.21	µg/L	6.00	7	2.00
Frequency Detection in Finished Water (PDP, 2002) [plotted]	51.9	%	10.00	5	2.00
Max Concentration in Finished Water (PDP, 2002) [plotted]	2.24	µg/L	6.00	5	2.00
Frequency Detection (STORET) [plotted]	32.5	%	10.00	11	1.50
Max Concentration (STORET) [plotted]	86	µg/L	9.00	8	1.50
Median Concentration in Round 2 Finished Water (NCOD) [plotted]	0.57	µg/L	6.00	12	1.33
Median Detect Value (CAL DHS) [plotted]	0.06	µg/L	4.00	9	1.33
Median Concentration (STORET) [plotted]	0.19	µg/L	5.00	8	1.25
90th Percentile Concentration (STORET) [plotted]	1.4	µg/L	6.00	8	1.25

* Normalization binning according to EPA method

DRAFT

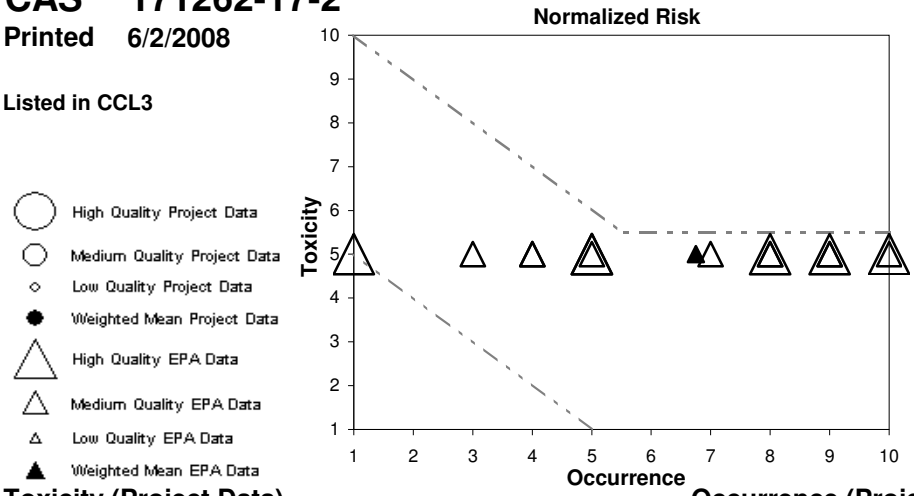
DRAFT

alachlor OA

CAS 171262-17-2

Printed 6/2/2008

Listed in CCL3



Project Data		
Weighted Mean Toxicity	**N/A**	
Toxicity RSD	N/A	%
Mean Weight Factor	N/A	
Weighted Mean Occurrence	**5.67**	
Occurrence RSD	18.18	%
Mean Weight Factor	0.375	
EPA Data		
Weighted Mean Toxicity	**5.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	0.5	
Weighted Mean Occurrence	**6.75**	
Occurrence RSD	41.63	%
Mean Weight Factor	0.63	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
95th Percentile Concentration in Source Water (Battaglin) [plotted]	0.66	µg/L	5.00	2	1.50
Max Concentration in Source Water (Battaglin) [plotted]	4.3	µg/L	7.00	2	1.50
50th Percentile Concentration in Source Water (Battaglin) [plotted]	0.2	µg/L	5.00	4	1.25
75th Percentile Concentration in Source Water (Battaglin) [plotted]	0.2	µg/L	5.00	4	1.25

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Lifetime Cancer Risk (EPA) [plotted]	0.04	mg/L	5.00	17	1.50

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection (CAL DHS) [plotted]	0.0003	%	10.00	14	2.00
Max Detect Value (CAL DHS) [plotted]	14	µg/L	8.00	9	2.00
Frequency Detection in Finished Water (PDP, 2001) [plotted]	0.07	%	1.00	7	2.00
Max Concentration in Finished Water (PDP, 2001) [plotted]	0.5	µg/L	5.00	7	2.00
Frequency Detection in Finished Water (PDP, 2002) [plotted]	5.1	%	9.00	5	2.00
Max Concentration in Finished Water (PDP, 2002) [plotted]	0.392	µg/L	5.00	5	2.00
Frequency Detection in Ambient Water (NAWQA) [plotted]	7.9	µg/L	9.00	24	1.50
Max Concentration in Ambient Water (NAWQA) [plotted]	38.2	µg/L	9.00	24	1.50
99th Percentile Concentration in Ambient Water (NAWQA) [plotted]	3.33	µg/L	7.00	24	1.50
Frequency Detection (STORET) [plotted]	17.1	%	10.00	11	1.50
Max Concentration (STORET) [plotted]	10.8	µg/L	8.00	8	1.50
Median Detect Value (CAL DHS) [plotted]	4.29	µg/L	8.00	9	1.33
Median Concentration in Ambient Water (NAWQA) [plotted]	0.015	µg/L	3.00	24	1.25
90th Percentile Concentration in Ambient Water (NAWQA) [plotted]	0.256	µg/L	4.00	23	1.25
Median Concentration (STORET) [plotted]	0.06	µg/L	4.00	8	1.25
90th Percentile Concentration (STORET) [plotted]	0.55	µg/L	5.00	8	1.25

* Normalization binning according to EPA method

DRAFT

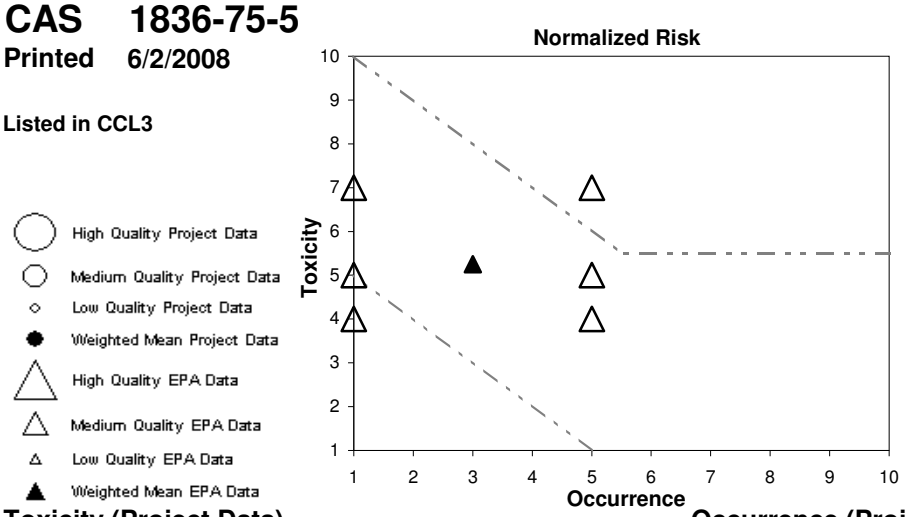
DRAFT

Nitrofen

CAS 1836-75-5

Printed 6/2/2008

Listed in CCL3



Project Data

Weighted Mean Toxicity	**N/A**	
Toxicity RSD	N/A	%
Mean Weight Factor	N/A	
Weighted Mean Occurrence	**N/A**	
Occurrence RSD	N/A	%
Mean Weight Factor	N/A	

EPA Data

Weighted Mean Toxicity	**5.25**	
Toxicity RSD	28.64	%
Mean Weight Factor	0.6667	
Weighted Mean Occurrence	**3.00**	
Occurrence RSD	94.28	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Cal. Prop. 65 MADL or NSRL (CA OEHHA)	1	boolean	2.00	1	2.00

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Cancer Slope Factor (OEHHA) [plotted]	0.082	(mg/(kg*d))-1	5.00	24	2.00
Supplemental NOEL (Supplemental) [plotted]	0.17	mg/(kg*d)	7.00	9	1.50
Lowest Oral Chronic LOAEL (RTECS) [plotted]	49.9	mg/(kg*d)	4.00	50	1.33

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Surface Water Release (TRI) [plotted]	0	lbs/year	1.00	57	1.33
Total Release (TRI) [plotted]	25300	lbs/year	5.00	57	1.33

* Normalization binning according to EPA method

DRAFT

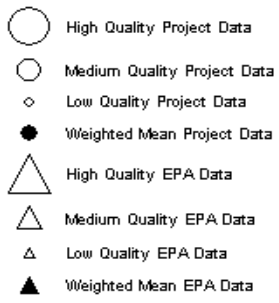
DRAFT

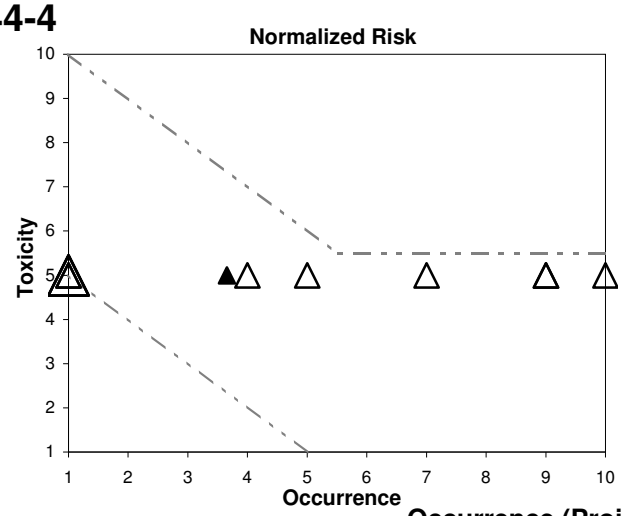
Acetochlor OA

CAS 184992-44-4

Printed 6/2/2008

Listed in CCL3





Project Data		
Weighted Mean Toxicity	**N/A**	
Toxicity RSD	N/A	%
Mean Weight Factor	N/A	
Weighted Mean Occurrence	**N/A**	
Occurrence RSD	N/A	%
Mean Weight Factor	N/A	
EPA Data		
Weighted Mean Toxicity	**5.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	0.5	
Weighted Mean Occurrence	**3.65**	
Occurrence RSD	83.61	%
Mean Weight Factor	0.59	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Supplemental NOEL (Supplemental) [plotted]	23	mg/(kg*d)	5.00	9	1.50

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection in Finished Water (UMCR) [plotted]	0	µg/L	1.00	11	2.00
Max Concentration in Finished Water (UMCR) [plotted]	0	µg/L	1.00	11	2.00
99th Percentile Concentration in Finished Water (UMCR) [plotted]	0	µg/L	1.00	11	2.00
Frequency Detection in Ambient Water (NAWQA) [plotted]	5.02	µg/L	9.00	24	1.50
Max Concentration in Ambient Water (NAWQA) [plotted]	30.4	µg/L	9.00	24	1.50
99th Percentile Concentration in Ambient Water (NAWQA) [plotted]	8.49	µg/L	7.00	24	1.50
Median Concentration in Finished Water (UMCR) [plotted]	0	µg/L	1.00	11	1.33
90th Percentile Concentration in Finished Water (UMCR) [plotted]	0	µg/L	1.00	11	1.33
Total Pesticide Application (NCFAP) [plotted]	3E+07	lbs/year	10.00	31	1.33
Median Concentration in Ambient Water (NAWQA) [plotted]	0.032	µg/L	4.00	24	1.25
90th Percentile Concentration in Ambient Water (NAWQA) [plotted]	0.784	µg/L	5.00	23	1.25

* Normalization binning according to EPA method

DRAFT

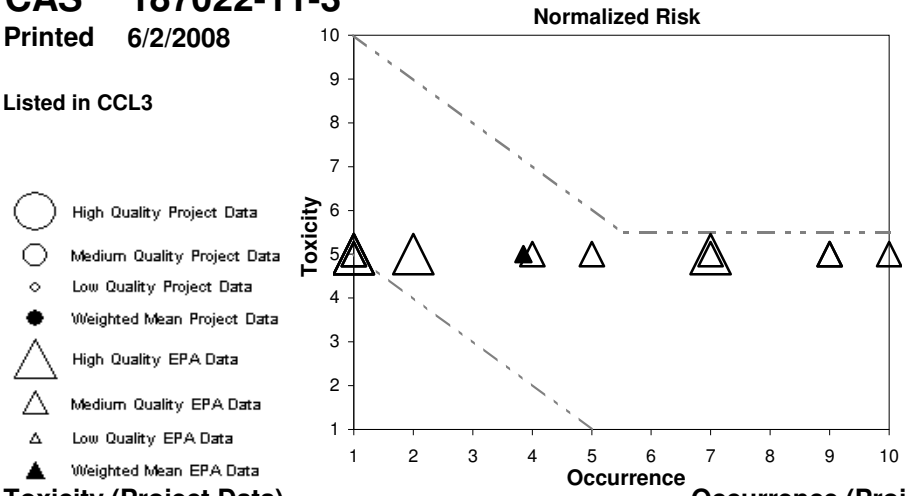
DRAFT

Acetochlor ESA

CAS 187022-11-3

Printed 6/2/2008

Listed in CCL3



Project Data		
Weighted Mean Toxicity	**N/A**	
Toxicity RSD	N/A	%
Mean Weight Factor	N/A	
Weighted Mean Occurrence	**6.50**	
Occurrence RSD	8.88	%
Mean Weight Factor	0.375	
EPA Data		
Weighted Mean Toxicity	**5.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	0.5	
Weighted Mean Occurrence	**3.85**	
Occurrence RSD	79.57	%
Mean Weight Factor	0.65	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
95th Percentile Concentration in Source Water (Battaglin) [plotted]	2.69	µg/L	6.00	2	1.50
Max Concentration in Source Water (Battaglin) [plotted]	5.01	µg/L	7.00	2	1.50
50th Percentile Concentration in Source Water (Battaglin) [plotted]	0.88	µg/L	6.00	4	1.25
75th Percentile Concentration in Source Water (Battaglin) [plotted]	1.6	µg/L	7.00	4	1.25

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Supplemental NOEL (Supplemental) [plotted]	23	mg/(kg*d)	5.00	9	1.50

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection in Finished Water (UMCR) [plotted]	0	µg/L	1.00	11	2.00
Max Concentration in Finished Water (UMCR) [plotted]	0	µg/L	1.00	11	2.00
99th Percentile Concentration in Finished Water (UMCR) [plotted]	0	µg/L	1.00	11	2.00
Frequency Detection in Finished Water (PDP, 2001) [plotted]	1.3	%	7.00	7	2.00
Max Concentration in Finished Water (PDP, 2001) [plotted]	0.02	µg/L	2.00	7	2.00
Frequency Detection in Ambient Water (NAWQA) [plotted]	5.02	µg/L	9.00	24	1.50
Max Concentration in Ambient Water (NAWQA) [plotted]	30.4	µg/L	9.00	24	1.50
99th Percentile Concentration in Ambient Water (NAWQA) [plotted]	8.49	µg/L	7.00	24	1.50
Median Concentration in Finished Water (UMCR) [plotted]	0	µg/L	1.00	11	1.33
90th Percentile Concentration in Finished Water (UMCR) [plotted]	0	µg/L	1.00	11	1.33
Total Pesticide Application (NCFAP) [plotted]	3E+07	lbs/year	10.00	31	1.33
Median Concentration in Ambient Water (NAWQA) [plotted]	0.032	µg/L	4.00	24	1.25
90th Percentile Concentration in Ambient Water (NAWQA) [plotted]	0.784	µg/L	5.00	23	1.25

* Normalization binning according to EPA method

DRAFT

DRAFT

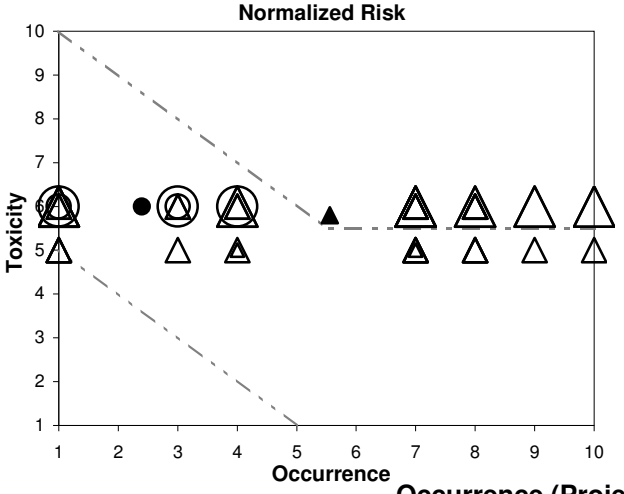
Molinate

CAS 2212-67-1

Printed 6/2/2008

Class: Pesticide

Normalized Risk



Listed in CCL3

Listed in CCL2

Listed in CCL1

High Quality Project Data

Medium Quality Project Data

Low Quality Project Data

Weighted Mean Project Data

High Quality EPA Data

Medium Quality EPA Data

Low Quality EPA Data

Weighted Mean EPA Data

Project Data

Weighted Mean Toxicity	**6.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	1.00	
Weighted Mean Occurrence	**2.40**	
Occurrence RSD	55.90	%
Mean Weight Factor	0.5	

EPA Data

Weighted Mean Toxicity	**5.80**	
Toxicity RSD	10.19	%
Mean Weight Factor	0.8333	
Weighted Mean Occurrence	**5.56**	
Occurrence RSD	54.05	%
Mean Weight Factor	0.57	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
EPA RfD (IRIS) [plotted]	0.002	mg/kg/d	6.00	1	2.00
NOEL (IRIS)	0.2	mg/kg/d	7.00	2	1.50
LEL (IRIS)	4	mg/kg/d	5.00	3	1.33

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Max Concentration in Stream (USGA NAWQA)	0.096	µg/L	4.00	2	1.50
Max Concentration in Source Water (Battaglin)	0.049	µg/L	3.00	2	1.50
On.site Surface Water Discharges (TRI)	101.92	lbs	1.00	3	1.33
Total On- and Off-site Disposal or Other Releases (TRI)	1180.9	lbs	3.00	3	1.33

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (EPA IRIS (ITER)) [plotted]	0.002	mg/(kg*d)	6.00	33	2.00
RfD (RAISHE) [plotted]	0.002	mg/(kg*d)	6.00	41	2.00
Lowest Oral Chronic LOAEL (RTECS) [plotted]	13.1	mg/(kg*d)	5.00	50	1.33

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection in Finished Water (UMCR) [plotted]	0.03	µg/L	1.00	11	2.00
Max Concentration in Finished Water (UMCR) [plotted]	5.7	µg/L	7.00	11	2.00
99th Percentile Concentration in Finished Water (UMCR) [plotted]	5.7	µg/L	7.00	11	2.00
Frequency Detection in Ambient Water (NAWQA) [plotted]	1.68	µg/L	8.00	24	1.50
Max Concentration in Ambient Water (NAWQA) [plotted]	200	µg/L	10.00	24	1.50
99th Percentile Concentration in Ambient Water (NAWQA) [plotted]	47.9	µg/L	9.00	24	1.50
Percent Detection in Ambient Water (PPMP) [plotted]	0.3	%	4.00	5	1.50
Maximum Concentration in Ambient Water (PPMP) [plotted]	0.004	µg/L	1.00	5	1.50
Median Concentration in Finished Water (UMCR) [plotted]	5.7	µg/L	8.00	11	1.33
90th Percentile Concentration in Finished Water (UMCR) [plotted]	5.7	µg/L	7.00	11	1.33
Total Pesticide Application (NCFAP) [plotted]	4E+06	lbs/year	8.00	31	1.33
Surface Water Release (TRI) [plotted]	115	lbs/year	1.00	57	1.33
Total Release (TRI) [plotted]	2089	lbs/year	3.00	57	1.33
Median Concentration in Ambient Water (NAWQA) [plotted]	0.0372	µg/L	4.00	24	1.25
90th Percentile Concentration in Ambient Water (NAWQA) [plotted]	3.41	µg/L	7.00	23	1.25

* Normalization binning according to EPA method

DRAFT

DRAFT

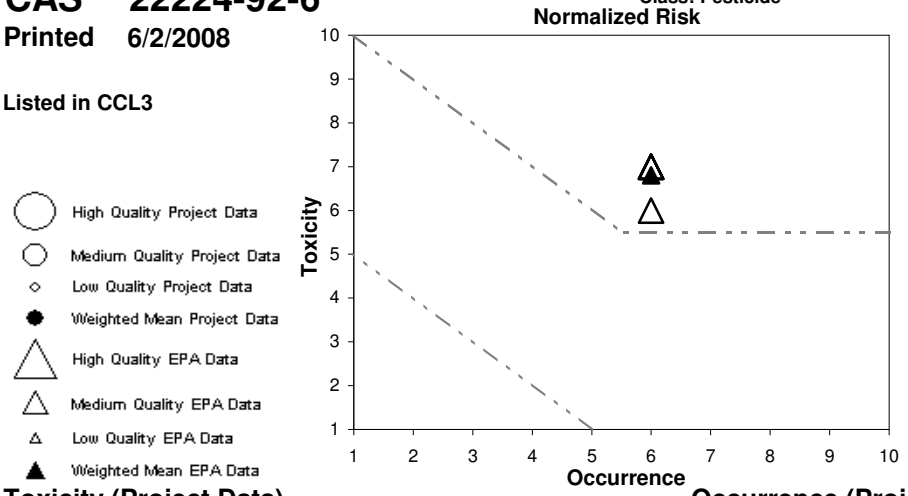
Fenamiphos

CAS 22224-92-6

Printed 6/2/2008

Listed in CCL3

Class: Pesticide



Project Data		
Weighted Mean Toxicity	**7.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	1.00	
Weighted Mean Occurrence	**N/A**	
Occurrence RSD	N/A	%
Mean Weight Factor	N/A	
EPA Data		
Weighted Mean Toxicity	**6.80**	
Toxicity RSD	6.58	%
Mean Weight Factor	1	
Weighted Mean Occurrence	**6.00**	
Occurrence RSD	N/A	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
EPA RfD (IRIS) [plotted]	0.0003	mg/kg/d	7.00	1	2.00
NOEL (IRIS)	0.025	mg/kg/d	8.00	2	1.50
LEL (IRIS)	0.05	mg/kg/d	7.00	3	1.33

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (EPA OPP) [plotted]	0.0001	mg/(kg*d)	7.00	22	2.00
RfD (EPA IRIS (ITER)) [plotted]	0.0003	mg/(kg*d)	7.00	33	2.00
RfD (EPA HA) [plotted]	0.0003	mg/(kg*d)	7.00	16	2.00
RfD (RAISHE) [plotted]	0.0003	mg/(kg*d)	7.00	41	2.00
Max Acceptable Daily Intake (JMPR) [plotted]	0.0008	mg/(kg*d)	6.00	23	2.00

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Total Pesticide Application (NCFAP) [plotted]	726675	lbs/year	6.00	31	1.33

* Normalization binning according to EPA method

DRAFT

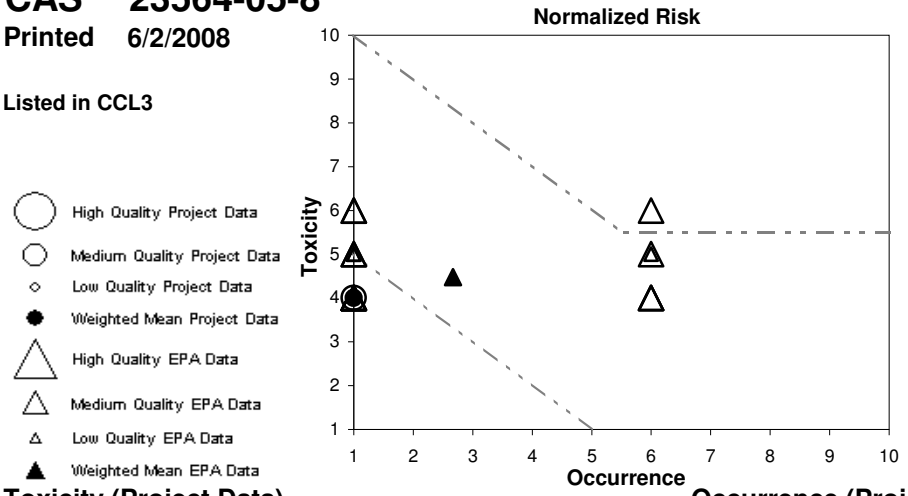
DRAFT

Thiophanate methyl

CAS 23564-05-8

Printed 6/2/2008

Listed in CCL3



Project Data

Weighted Mean Toxicity	**4.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	1.00	
Weighted Mean Occurrence	**1.00**	
Occurrence RSD	N/A	%
Mean Weight Factor	0.5	

EPA Data

Weighted Mean Toxicity	**4.47**	
Toxicity RSD	17.50	%
Mean Weight Factor	0.7917	
Weighted Mean Occurrence	**2.67**	
Occurrence RSD	108.25	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
EPA RfD (IRIS) [plotted]	0.08	mg/kg/d	4.00	1	2.00
Cal. Prop. 65 MADL or NSRL (CA OEHHA)	1	boolean	2.00	1	2.00
NOEL (IRIS)	8	mg/kg/d	5.00	2	1.50
LEL (IRIS)	32	mg/kg/d	4.00	3	1.33

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	271.4	lbs	1.00	3	1.33

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (EPA IRIS (ITER)) [plotted]	0.08	mg/(kg*d)	4.00	33	2.00
RfD (RAISHE) [plotted]	0.08	mg/(kg*d)	4.00	41	2.00
Max Acceptable Daily Intake (JMPR) [plotted]	0.08	mg/(kg*d)	4.00	23	2.00
Cancer Slope Factor (RAISHE) [plotted]	0.0116	(mg/(kg*d))-1	5.00	24	2.00
Lowest Oral Chronic LOAEL (RTECS) [plotted]	1.2	mg/(kg*d)	6.00	50	1.33
Lowest Oral LD50 (RTECS) [plotted]	2270	mg/(kg*d)	5.00	21	1.25

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Total Pesticide Application (NCFAP) [plotted]	453792	lbs/year	6.00	31	1.33
Surface Water Release (TRI) [plotted]	0	lbs/year	1.00	57	1.33
Total Release (TRI) [plotted]	92	lbs/year	1.00	57	1.33

* Normalization binning according to EPA method

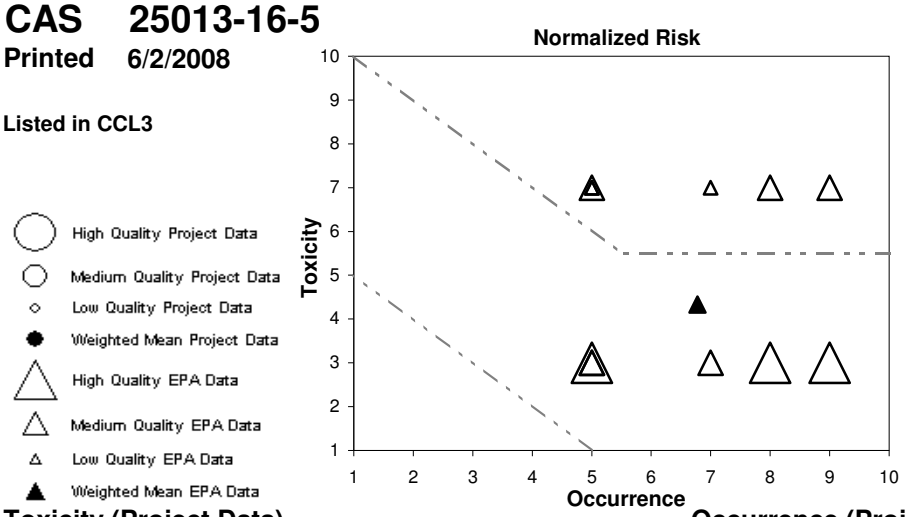
DRAFT

Butylated hydroxyanisole (BHA)

CAS 25013-16-5

Printed 6/2/2008

Listed in CCL3



Project Data		
Weighted Mean Toxicity	**N/A**	
Toxicity RSD	N/A	%
Mean Weight Factor	N/A	
Weighted Mean Occurrence	**7.11**	
Occurrence RSD	45.60	%
Mean Weight Factor	0.5938	
EPA Data		
Weighted Mean Toxicity	**4.33**	
Toxicity RSD	56.57	%
Mean Weight Factor	0.75	
Weighted Mean Occurrence	**6.78**	
Occurrence RSD	27.09	%
Mean Weight Factor	0.38	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Cal. Prop. 65 MADL or NSRL (CA OEHHA)	1	boolean	2.00	1	2.00

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Percent Occurrence in Finished Drinking Water (Loraine) [plotted]	6.6667	%	9.00	1	2.00
Mean Detected in Finished Drinking Water (Loraine) [plotted]	3.45	µg/L	8.00	1	2.00
Frequency Detection in Stream Samples (Koplin) [plotted]	2.4	%	8.00	2	1.50
Percent Detection in stream and raw-water (Stackelberg) [plotted]	0	%	1.00	2	1.50
Percent Occurrence in Raw Drinking Water (Loraine) [plotted]	15.385	%	10.00	2	1.50
WWTP effluent and Stream Frequency of Detection (Glassmeyer)	5	%	9.00	2	1.50
Maximum detection in Stream Study (Koplin)	0.2	µg/L	4.00	2	1.50
Mean Detected in Raw Drinking Water (Loraine)	3.5	µg/L	8.00	2	1.50
Maximum Concentration in WWTP effluent and Stream (Glassmeyer)	0.32	µg/L	4.00	2	1.50
Median detection in Stream Study (Koplin)	0.1	µg/L	5.00	4	1.25

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Cancer Slope Factor (OEHHA) [plotted]	0.0002	$(mg/(kg*d))^{-1}$	3.00	24	2.00
Lowest Oral Chronic LOAEL (RTECS) [plotted]	0.249	mg/(kg*d)	7.00	50	1.33

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection in Ambient Surface Water (NREC: National Reconnaissance) [plotted]	2.4	µg/L	8.00	0	1.50
Frequency Detection in Ambient Surface Water (NREC: National Aggregate) [plotted]	3	µg/L	9.00	1	1.50
Frequency Detection in Ambient Ground Water (NREC: National Aggregate) [plotted]	0.61	µg/L	5.00	1	1.50
Median Concentration in Ambient Surface Water (NREC: National Reconnaissance) [plotted]	0.1	µg/L	5.00	2	1.25
Median Concentration in Ambient Surface Water (NREC: National Aggregate) [plotted]	0.2	µg/L	5.00	1	1.25
Median Concentration in Ambient Ground Water (NREC: National Aggregate) [plotted]	1.2	µg/L	7.00	1	1.25

* Normalization binning according to EPA method

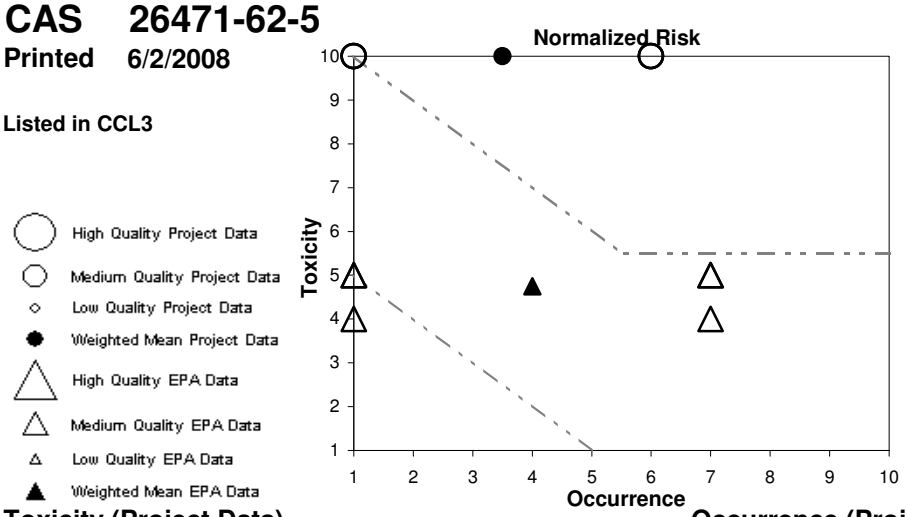
DRAFT

Toluene diisocyanate

CAS 26471-62-5

Printed 6/2/2008

Listed in CCL3



Project Data

Weighted Mean Toxicity	**10.00**	
Toxicity RSD	0	%
Mean Weight Factor	0.67	
Weighted Mean Occurrence	**3.50**	
Occurrence RSD	101.02	%
Mean Weight Factor	0.5	

EPA Data

Weighted Mean Toxicity	**4.75**	
Toxicity RSD	12.37	%
Mean Weight Factor	0.6667	
Weighted Mean Occurrence	**4.00**	
Occurrence RSD	106.07	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
EPA RfD (IRIS) [plotted]	7E-08	mg/kg/d	10.00	1	2.00
Cal. Prop. 65 MADL or NSRL (CA OEHHA)	1	boolean	2.00	1	2.00
NOAEL (IRIS) [plotted]	2E-06	mg/kg/d	10.00	2	1.50
LOAEL (IRIS)	5E-06	mg/kg/d	10.00	3	1.33

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
On.site Surface Water Discharges (TRI) [plotted]	0	lbs	1.00	3	1.33
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	91948	lbs	6.00	3	1.33

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Cancer Slope Factor (OEHHA) [plotted]	0.039	(mg/(kg*d))-1	5.00	24	2.00
Highest Chronic NOEL (CTDJPN) [plotted]	30	mg/(kg*d)	5.00	1	1.50
Lowest Oral Chronic LOAEL (RTECS) [plotted]	85.7	mg/(kg*d)	4.00	50	1.33

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Surface Water Release (TRI) [plotted]	1	lbs/year	1.00	57	1.33
Total Release (TRI) [plotted]	129143	lbs/year	7.00	57	1.33

* Normalization binning according to EPA method

DRAFT

Disulfoton

Disulfc 298-04-4

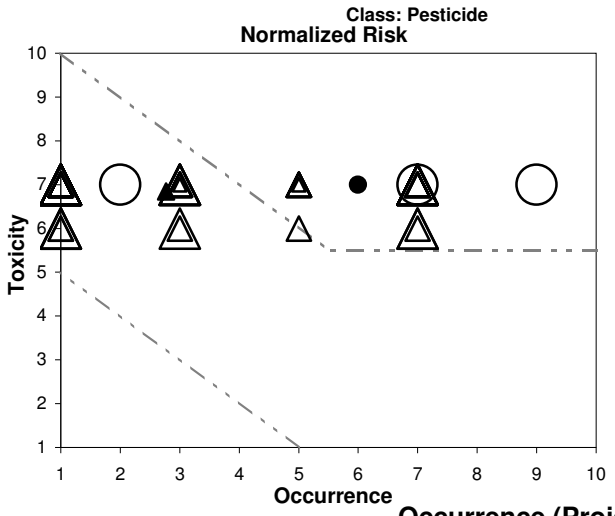
Printed 6/2/2008

Listed in CCL3

Listed in CCL2

Listed in CCL1

High Quality Project Data
Medium Quality Project Data
Low Quality Project Data
Weighted Mean Project Data
High Quality EPA Data
Medium Quality EPA Data
Low Quality EPA Data
Weighted Mean EPA Data



Project Data

Weighted Mean Toxicity	**7.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	1.00	
Weighted Mean Occurrence	**6.00**	
Occurrence RSD	60.09	%
Mean Weight Factor	0.5	

EPA Data

Weighted Mean Toxicity	**6.85**	
Toxicity RSD	5.51	%
Mean Weight Factor	0.9286	
Weighted Mean Occurrence	**2.77**	
Occurrence RSD	78.96	%
Mean Weight Factor	0.59	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
EPA RfD (IRIS) [plotted]	4E-05	mg/kg/d	7.00	1	2.00
LEL (IRIS)	0.04	mg/kg/d	7.00	3	1.33

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection in Surface Water of the Yakima River Basin, WA (Ebbert) [plotted]	4.0816	%	9.00	2	1.50
Max Concentration in Source Water (Battaglin) [plotted]	0.017	µg/L	2.00	2	1.50
Max Concentration in Surface Water (Ebbert) [plotted]	3.3	µg/L	7.00	2	1.50

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (EPA OPP) [plotted]	0.0001	mg/(kg*d)	7.00	22	2.00
RfD (EPA IRIS (ITER)) [plotted]	0.0004	mg/(kg*d)	6.00	33	2.00
RfD (EPA HA) [plotted]	4E-05	mg/(kg*d)	7.00	16	2.00
RfD (RAISHE) [plotted]	4E-05	mg/(kg*d)	7.00	41	2.00
Minimum Risk Level (ATSDR (ITER)) [plotted]	6E-05	mg/(kg*d)	7.00	17	2.00
Max Acceptable Daily Intake (JMPR) [plotted]	0.0003	mg/(kg*d)	7.00	23	2.00
Lowest Oral Chronic LOAEL (RTECS) [plotted]	0.06	mg/(kg*d)	7.00	50	1.33

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection in Finished Water (UMCR) [plotted]	0	µg/L	1.00	11	2.00
Max Concentration in Finished Water (UMCR) [plotted]	0	µg/L	1.00	11	2.00
99th Percentile Concentration in Finished Water (UMCR) [plotted]	0	µg/L	1.00	11	2.00
Frequency Detection in Ambient Water (NAWQA) [plotted]	0.24	µg/L	3.00	24	1.50
Max Concentration in Ambient Water (NAWQA) [plotted]	3.81	µg/L	7.00	24	1.50
99th Percentile Concentration in Ambient Water (NAWQA) [plotted]	3.81	µg/L	7.00	24	1.50
Median Concentration in Finished Water (UMCR) [plotted]	0	µg/L	1.00	11	1.33
90th Percentile Concentration in Finished Water (UMCR) [plotted]	0	µg/L	1.00	11	1.33
Total Pesticide Application (NCFAP) [plotted]	1E+06	lbs/year	7.00	31	1.33
Median Concentration in Ambient Water (NAWQA) [plotted]	0.02	µg/L	3.00	24	1.25
90th Percentile Concentration in Ambient Water (NAWQA) [plotted]	0.826	µg/L	5.00	23	1.25

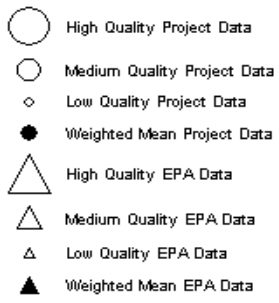
* Normalization binning according to EPA method

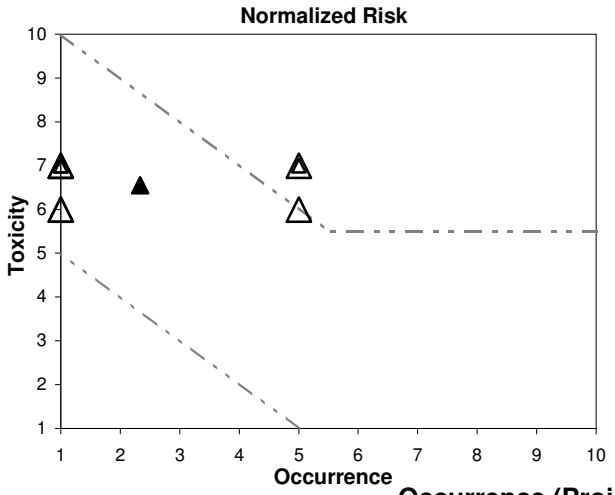
DRAFT

Oxydemeton-methyl

CAS 301-12-2
Printed 6/2/2008

Listed in CCL3





Project Data		
Weighted Mean Toxicity	**N/A**	
Toxicity RSD	N/A	%
Mean Weight Factor	N/A	
Weighted Mean Occurrence	**1.00**	
Occurrence RSD	N/A	%
Mean Weight Factor	0.5	
EPA Data		
Weighted Mean Toxicity	**6.56**	
Toxicity RSD	8.66	%
Mean Weight Factor	0.75	
Weighted Mean Occurrence	**2.33**	
Occurrence RSD	98.97	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	0	lbs	1.00	3	1.33

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (EPA OPP) [plotted]	0.0001	mg/(kg*d)	7.00	22	2.00
Max Acceptable Daily Intake (JMPR) [plotted]	0.0025	mg/(kg*d)	6.00	23	2.00
Lowest Oral LD50 (RTECS) [plotted]	10	mg/(kg*d)	7.00	21	1.25

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Total Pesticide Application (NCFAP) [plotted]	154227	lbs/year	5.00	31	1.33
Surface Water Release (TRI) [plotted]	0	lbs/year	1.00	57	1.33
Total Release (TRI) [plotted]	0	lbs/year	1.00	57	1.33

* Normalization binning according to EPA method

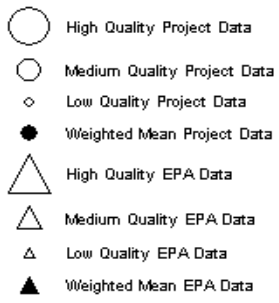
DRAFT

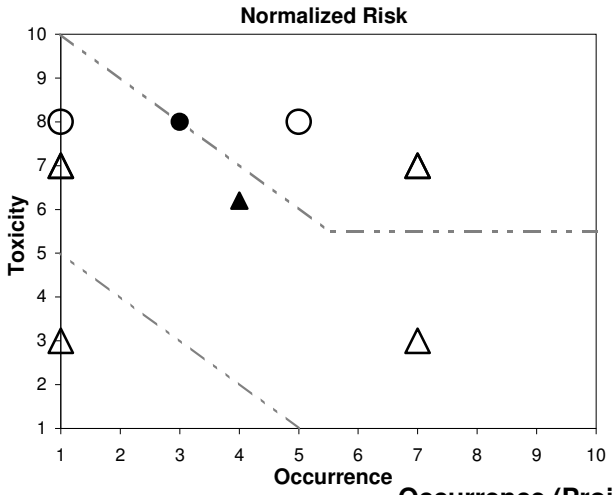
DRAFT

Hydrazine

CAS 302-01-2
Printed 6/2/2008

Listed in CCL3





Project Data		
Weighted Mean Toxicity	**8.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	1.00	
Weighted Mean Occurrence	**3.00**	
Occurrence RSD	94.28	%
Mean Weight Factor	0.5	

EPA Data		
Weighted Mean Toxicity	**6.20**	
Toxicity RSD	40.75	%
Mean Weight Factor	0.8333	
Weighted Mean Occurrence	**4.00**	
Occurrence RSD	106.07	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Oral Slope Factor (CA OEHHA) [plotted]	17	mg/kg/d	8.00	1	2.00
Cal. Prop. 65 MADL or NSRL (CA OEHHA)	1	boolean	2.00	1	2.00

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
On.site Surface Water Discharges (TRI) [plotted]	5	lbs	1.00	3	1.33
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	16308	lbs	5.00	3	1.33

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Cancer Slope Factor (RAISHE) [plotted]	3	(mg/(kg*d))-1	7.00	24	2.00
Cancer Slope Factor (OEHHA) [plotted]	3	(mg/(kg*d))-1	7.00	24	2.00
Lifetime Cancer Risk (EPA) [plotted]	0.001	mg/L	3.00	17	1.50

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Surface Water Release (TRI) [plotted]	5	lbs/year	1.00	57	1.33
Total Release (TRI) [plotted]	165485	lbs/year	7.00	57	1.33

* Normalization binning according to EPA method

DRAFT

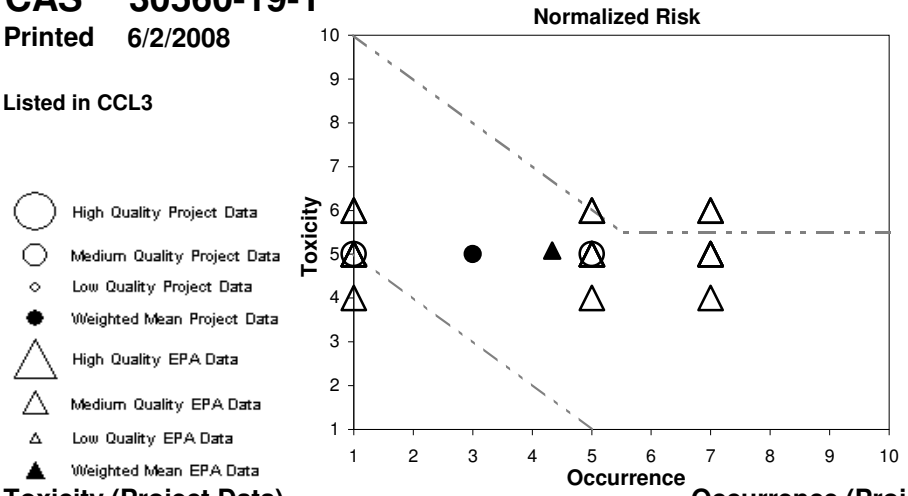
DRAFT

Acephate

CAS 30560-19-1

Printed 6/2/2008

Listed in CCL3



Project Data

Weighted Mean Toxicity	**5.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	1.00	
Weighted Mean Occurrence	**3.00**	
Occurrence RSD	94.28	%
Mean Weight Factor	0.5	

EPA Data

Weighted Mean Toxicity	**5.08**	
Toxicity RSD	13.42	%
Mean Weight Factor	0.8571	
Weighted Mean Occurrence	**4.33**	
Occurrence RSD	70.50	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
EPA RfD (IRIS) [plotted]	0.004	mg/kg/d	5.00	1	2.00
LEL (IRIS)	2	mg/kg/d	6.00	3	1.33

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
On.site Surface Water Discharges (TRI) [plotted]	5	lbs	1.00	3	1.33
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	14175	lbs	5.00	3	1.33

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (EPA OPP) [plotted]	0.0012	mg/(kg*d)	6.00	22	2.00
RfD (EPA IRIS (ITER)) [plotted]	0.004	mg/(kg*d)	5.00	33	2.00
RfD (RAISHE) [plotted]	0.004	mg/(kg*d)	5.00	41	2.00
Max Acceptable Daily Intake (JMPR) [plotted]	0.03	mg/(kg*d)	5.00	23	2.00
Cancer Slope Factor (RAISHE) [plotted]	0.0087	$(mg/(kg*d))^{-1}$	4.00	24	2.00
Lifetime Cancer Risk (EPA) [plotted]	0.4	mg/L	6.00	17	1.50
Lowest Oral Chronic LOAEL (RTECS) [plotted]	10	mg/(kg*d)	5.00	50	1.33

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Total Pesticide Application (NCFAP) [plotted]	2E+06	lbs/year	7.00	31	1.33
Surface Water Release (TRI) [plotted]	0	lbs/year	1.00	57	1.33
Total Release (TRI) [plotted]	20751	lbs/year	5.00	57	1.33

* Normalization binning according to EPA method

DRAFT

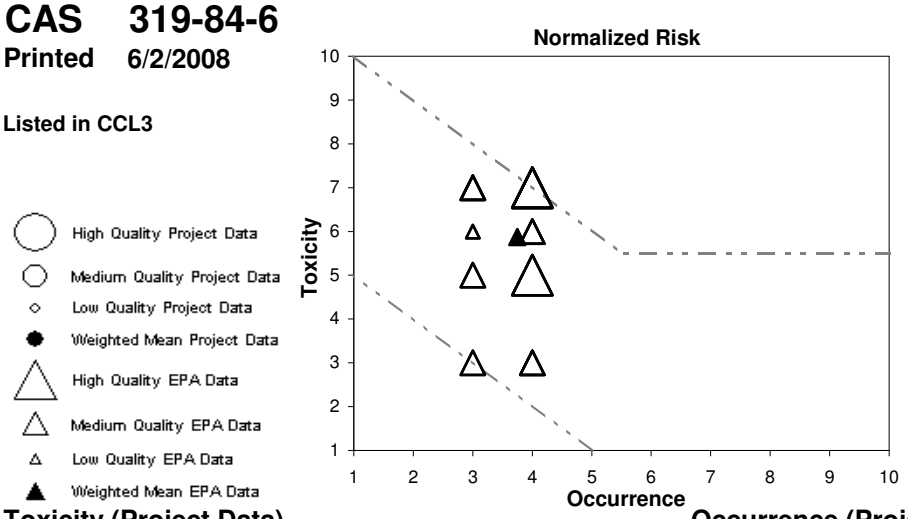
DRAFT

alpha-HCH

CAS 319-84-6

Printed 6/2/2008

Listed in CCL3



Project Data

Weighted Mean Toxicity	**7.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	1.00	
Weighted Mean Occurrence	**N/A**	
Occurrence RSD	N/A	%
Mean Weight Factor	N/A	

EPA Data

Weighted Mean Toxicity	**5.88**	
Toxicity RSD	29.88	%
Mean Weight Factor	0.8	
Weighted Mean Occurrence	**3.75**	
Occurrence RSD	15.21	%
Mean Weight Factor	0.40	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Oral Slope Factor (CA OEHHA) [plotted]	2.7	mg/kg/d	7.00	1	2.00
Cal. Prop. 65 MADL or NSRL (CA OEHHA)	1	boolean	2.00	1	2.00

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Minimum Risk Level (ATSDR (ITER)) [plotted]	0.008	mg/(kg*d)	5.00	17	2.00
Cancer Slope Factor (RAISHE) [plotted]	6.3	(mg/(kg*d))-1	7.00	24	2.00
Cancer Slope Factor (OEHHA) [plotted]	2.7	(mg/(kg*d))-1	7.00	24	2.00
Lifetime Cancer Risk (EPA) [plotted]	0.0006	mg/L	3.00	17	1.50
Lowest Oral Chronic LOAEL (RTECS) [plotted]	1.2	mg/(kg*d)	6.00	50	1.33

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection in Ambient Water (NAWQA) [plotted]	0.295	µg/L	4.00	24	1.50
Max Concentration in Ambient Water (NAWQA) [plotted]	0.21	µg/L	4.00	24	1.50
99th Percentile Concentration in Ambient Water (NAWQA) [plotted]	0.21	µg/L	4.00	24	1.50
Median Concentration in Ambient Water (NAWQA) [plotted]	0.011	µg/L	3.00	24	1.25
90th Percentile Concentration in Ambient Water (NAWQA) [plotted]	0.059	µg/L	3.00	23	1.25

* Normalization binning according to EPA method

DRAFT

DRAFT

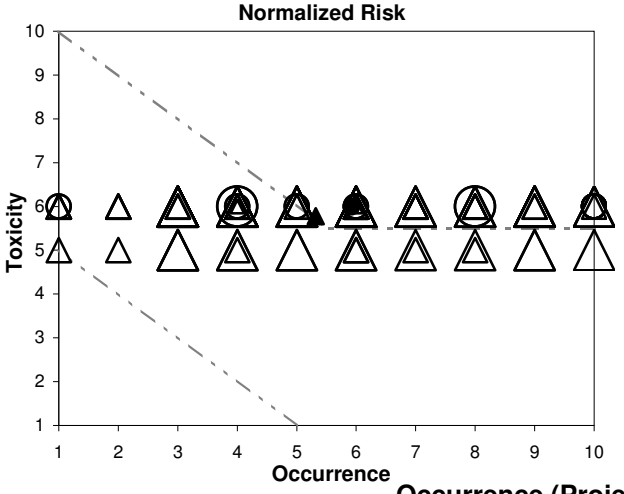
Diuron

CAS 330-54-1

Printed 6/2/2008

Class: Pesticide

Normalized Risk



Listed in CCL3

Listed in CCL2

Listed in CCL1

High Quality Project Data

Medium Quality Project Data

Low Quality Project Data

Weighted Mean Project Data

High Quality EPA Data

Medium Quality EPA Data

Low Quality EPA Data

Weighted Mean EPA Data

Project Data

Weighted Mean Toxicity	**6.00**	
Toxicity RSD	0	%
Mean Weight Factor	1.00	
Weighted Mean Occurrence	**5.92**	
Occurrence RSD	50.35	%
Mean Weight Factor	0.3611	

EPA Data

Weighted Mean Toxicity	**5.78**	
Toxicity RSD	7.71	%
Mean Weight Factor	0.9	
Weighted Mean Occurrence	**5.32**	
Occurrence RSD	44.57	%
Mean Weight Factor	0.67	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD EPA 2006 DWS&HA () [plotted]	0.003	mg/kg/d	6.00	1	2.00
EPA RfD (IRIS) [plotted]	0.002	mg/kg/d	6.00	1	2.00
Cal. Prop. 65 MADL or NSRL (CA OEHHA)	1	boolean	2.00	1	2.00
NOEL (IRIS)	0.625	mg/kg/d	6.00	2	1.50
LEL (IRIS)	3.125	mg/kg/d	6.00	3	1.33

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Max Concentration in Stream (USGA NAWQA)	11	µg/L	8.00	2	1.50
On.site Surface Water Discharges (TRI)	5	lbs	1.00	3	1.33
Total On- and Off-site Disposal or Other Releases (TRI)	32784	lbs	6.00	3	1.33
75th Percentile Concentration in Stream (USGA NAWQA)	0.1	µg/L	5.00	4	1.25
90th Percentile Concentration in Stream (USGA NAWQA)	0.12	µg/L	4.00	4	1.25
95th Percentile Concentration in Stream (USGA NAWQA) [plotted]	0.12	µg/L	4.00	4	1.25
Maximum Concentration in UK Marinas (Konstantinou) [plotted]	768	ng/L	10.00	2	1.17
Maximum Concentration of Dutch Marinas (Konstantinou) [plotted]	1130	ng/L	10.00	2	1.17
Maximum Concentration Portugese River Water (Konstantinou) [plotted]	1240	ng/L	10.00	2	1.17

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (EPA OPP) [plotted]	0.003	mg/(kg*d)	6.00	22	2.00
RfD (EPA IRIS (ITER)) [plotted]	0.002	mg/(kg*d)	6.00	33	2.00
RfD (EPA HA) [plotted]	0.02	mg/(kg*d)	5.00	16	2.00
RfD (RAISHE) [plotted]	0.002	mg/(kg*d)	6.00	41	2.00
Lowest Oral Chronic LOAEL (RTECS) [plotted]	1.75	mg/(kg*d)	6.00	50	1.33

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection in Finished Water (UMCR) [plotted]	0.34	µg/L	4.00	11	2.00
Max Concentration in Finished Water (UMCR) [plotted]	2.1	µg/L	6.00	11	2.00
99th Percentile Concentration in Finished Water (UMCR) [plotted]	2.1	µg/L	6.00	11	2.00
Percent Detection in Finished Water (PPMP) [plotted]	5.8	%	9.00	3	2.00
Maximum Concentration in Finished Water (PPMP) [plotted]	0.079	µg/L	3.00	3	2.00
95th Percentile Concentration in Finished Water (PPMP) [plotted]	0.079	µg/L	3.00	3	2.00
Frequency Detection in Finished Water (PDP, 2001) [plotted]	0.4	%	4.00	7	2.00
Max Concentration in Finished Water (PDP, 2001) [plotted]	0.058	µg/L	3.00	7	2.00
Frequency Detection in Ambient Water (NAWQA) [plotted]	7	µg/L	9.00	24	1.50
Max Concentration in Ambient Water (NAWQA) [plotted]	23.3	µg/L	8.00	24	1.50
99th Percentile Concentration in Ambient Water (NAWQA) [plotted]	8.4	µg/L	7.00	24	1.50
Percent Detection in Ambient Water (PPMP) [plotted]	37.5	%	10.00	5	1.50

DRAFT

DRAFT

Diuron Occurrence Cont. (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Maximum Concentration in Ambient Water (PPMP) [plotted]	0.54	µg/L	5.00	5	1.50
95th Percentile Concentration in Ambient Water (PPMP) [plotted]	0.319	µg/L	5.00	3	1.50
Median Concentration in Finished Water (UMCR) [plotted]	2.1	µg/L	7.00	11	1.33
90th Percentile Concentration in Finished Water (UMCR) [plotted]	2.1	µg/L	6.00	11	1.33
Total Pesticide Application (NCFAP) [plotted]	4E+06	lbs/year	8.00	31	1.33
Surface Water Release (TRI) [plotted]	10	lbs/year	1.00	57	1.33
Total Release (TRI) [plotted]	798	lbs/year	2.00	57	1.33
Median Concentration in Ambient Water (NAWQA) [plotted]	0.09	µg/L	4.00	24	1.25
90th Percentile Concentration in Ambient Water (NAWQA) [plotted]	0.915	µg/L	6.00	23	1.25

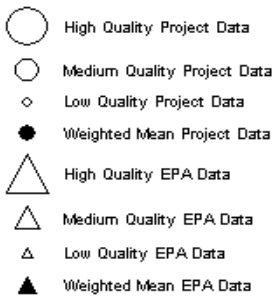
* Normalization binning according to EPA method

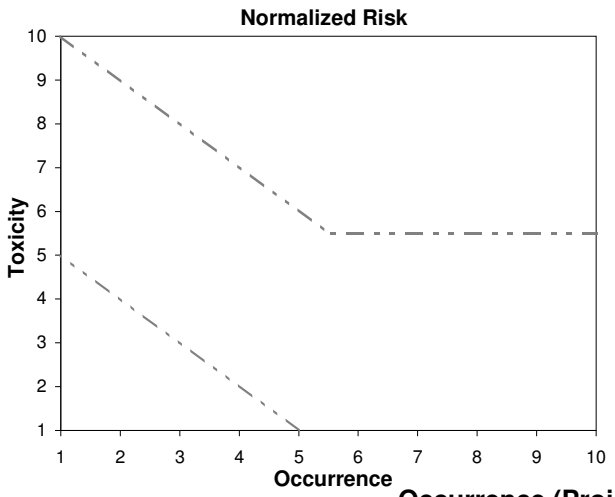
DRAFT

PFOA (perfluorooctanoic acid)

CAS 335-67-1
Printed 6/2/2008

Listed in CCL3





Project Data

Weighted Mean Toxicity	**N/A**	
Toxicity RSD	N/A	%
Mean Weight Factor	N/A	
Weighted Mean Occurrence	**N/A**	
Occurrence RSD	N/A	%
Mean Weight Factor	N/A	

EPA Data

Weighted Mean Toxicity	**6.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	0.5	
Weighted Mean Occurrence	**N/A**	
Occurrence RSD	N/A	%
Mean Weight Factor	N/A	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Supplemental LOAEL (Supplemental) [plotted]	1	mg/(kg*d)	6.00	3	1.33

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

* Normalization binning according to EPA method

DRAFT

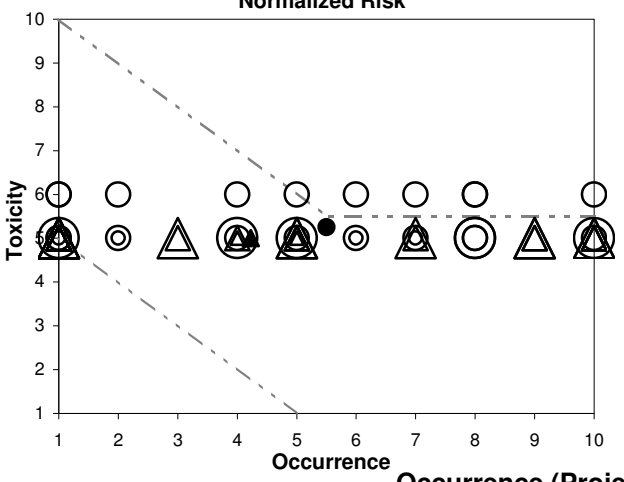
Acetochlor

CAS 34256-82-1

Printed 6/2/2008

Class: Pesticide

Normalized Risk



Listed in CCL3

Listed in CCL2

Listed in CCL1

High Quality Project Data

Medium Quality Project Data

Low Quality Project Data

Weighted Mean Project Data

High Quality EPA Data

Medium Quality EPA Data

Low Quality EPA Data

Weighted Mean EPA Data

Project Data

Weighted Mean Toxicity	**5.25**	
Toxicity RSD	10.825	%
Mean Weight Factor	0.67	
Weighted Mean Occurrence	**5.50**	
Occurrence RSD	60.68	%
Mean Weight Factor	0.4	

EPA Data

Weighted Mean Toxicity	**5.00**	
Toxicity RSD	0.00	%
Mean Weight Factor	0.75	
Weighted Mean Occurrence	**4.23**	
Occurrence RSD	78.13	%
Mean Weight Factor	0.67	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
EPA RfD (IRIS) [plotted]	0.02	mg/kg/d	5.00	1	2.00
Cal. Prop. 65 MADL or NSRL (CA OEHHA)	1	boolean	2.00	1	2.00
NOAEL (IRIS)	2	mg/kg/d	6.00	2	1.50
LOAEL (IRIS)	10	mg/kg/d	5.00	3	1.33

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection in Surface Water of the Yakima River Basin, WA (Ebbert) [plotted]	13.265	%	10.00	2	1.50
Max Concentration in Stream (USGA NAWQA)	0.311	µg/L	5.00	2	1.50
95th Percentile Concentration in Source Water (Battaglin)	11.4	µg/L	8.00	2	1.50
Max Concentration in Source Water (Battaglin) [plotted]	25.1	µg/L	8.00	2	1.50
Max Concentration in Surface Water (Ebbert)	0.13	µg/L	4.00	2	1.50
50th Percentile Concentration in Source Water (Battaglin)	0.4	µg/L	6.00	4	1.25
75th Percentile Concentration in Source Water (Battaglin)	1.14	µg/L	7.00	4	1.25
75th Percentile Concentration in Surface Water (Ebbert)	0.002	µg/L	1.00	4	1.25
90th Percentile Concentration in Surface Water (Ebbert)	0.012	µg/L	2.00	4	1.25

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (EPA IRIS (ITER)) [plotted]	0.02	mg/(kg*d)	5.00	33	2.00
Lowest Oral Chronic LOAEL (RTECS) [plotted]	5.45	mg/(kg*d)	5.00	50	1.33

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection in Finished Water (UMCR) [plotted]	0	µg/L	1.00	11	2.00
Max Concentration in Finished Water (UMCR) [plotted]	0	µg/L	1.00	11	2.00
99th Percentile Concentration in Finished Water (UMCR) [plotted]	0	µg/L	1.00	11	2.00
Frequency Detection (CAL DHS) [plotted]	0	%	1.00	14	2.00
Percent Detection in Finished Water (PPMP) [plotted]	30.3	%	10.00	3	2.00
Maximum Concentration in Finished Water (PPMP) [plotted]	0.395	µg/L	5.00	3	2.00
95th Percentile Concentration in Finished Water (PPMP) [plotted]	0.061	µg/L	3.00	3	2.00
Frequency Detection in Ambient Water (NAWQA) [plotted]	5.02	µg/L	9.00	24	1.50
Max Concentration in Ambient Water (NAWQA) [plotted]	30.4	µg/L	9.00	24	1.50
99th Percentile Concentration in Ambient Water (NAWQA) [plotted]	8.49	µg/L	7.00	24	1.50
Percent Detection in Ambient Water (PPMP) [plotted]	35.6	%	10.00	5	1.50
Maximum Concentration in Ambient Water (PPMP) [plotted]	0.334	µg/L	5.00	5	1.50

DRAFT

DRAFT

Acetochlor Occurrence Cont. (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
95th Percentile Concentration in Ambient Water (PPMP) [plotted]	0.002	µg/L	1.00	3	1.50
Median Concentration in Finished Water (UMCR) [plotted]	0	µg/L	1.00	11	1.33
90th Percentile Concentration in Finished Water (UMCR) [plotted]	0	µg/L	1.00	11	1.33
Total Pesticide Application (NCFAP) [plotted]	3E+07	lbs/year	10.00	31	1.33
Median Concentration in Ambient Water (NAWQA) [plotted]	0.032	µg/L	4.00	24	1.25
90th Percentile Concentration in Ambient Water (NAWQA) [plotted]	0.784	µg/L	5.00	23	1.25

* Normalization binning according to EPA method

DRAFT

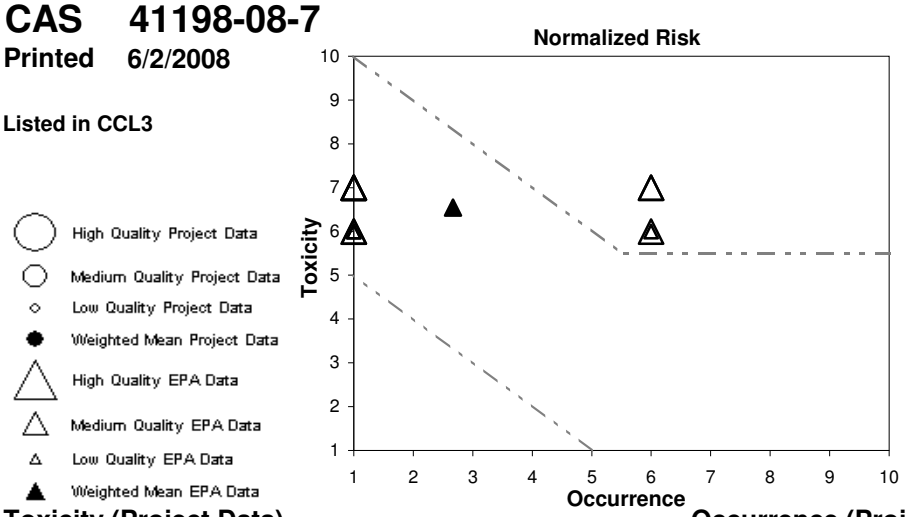
DRAFT

Profenofos

CAS 41198-08-7

Printed 6/2/2008

Listed in CCL3



Project Data

Weighted Mean Toxicity	**N/A**	
Toxicity RSD	N/A	%
Mean Weight Factor	N/A	
Weighted Mean Occurrence	**N/A**	
Occurrence RSD	N/A	%
Mean Weight Factor	N/A	

EPA Data

Weighted Mean Toxicity	**6.55**	
Toxicity RSD	8.88	%
Mean Weight Factor	0.6875	
Weighted Mean Occurrence	**2.67**	
Occurrence RSD	108.25	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (EPA OPP) [plotted]	5E-05	mg/(kg*d)	7.00	22	2.00
Max Acceptable Daily Intake (JMPR) [plotted]	0.0004	mg/(kg*d)	6.00	23	2.00
Lowest Oral Chronic LOAEL (RTECS) [plotted]	0.05	mg/(kg*d)	7.00	50	1.33
Lowest Oral LD50 (RTECS) [plotted]	162	mg/(kg*d)	6.00	21	1.25

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Total Pesticide Application (NCFAP) [plotted]	879776	lbs/year	6.00	31	1.33
Surface Water Release (TRI) [plotted]	0	lbs/year	1.00	57	1.33
Total Release (TRI) [plotted]	255	lbs/year	1.00	57	1.33

* Normalization binning according to EPA method

DRAFT

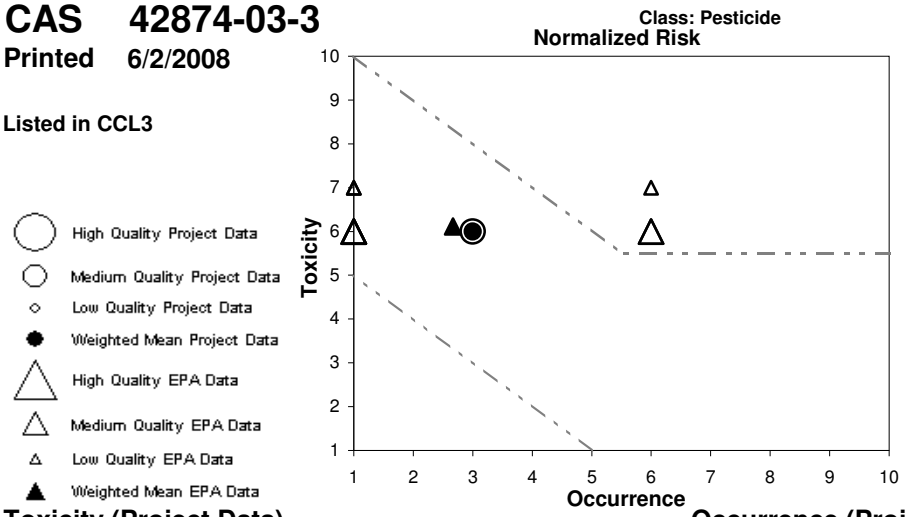
DRAFT

Oxyfluorfen

CAS 42874-03-3

Printed 6/2/2008

Listed in CCL3



Project Data		
Weighted Mean Toxicity	**6.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	1.00	
Weighted Mean Occurrence	**3.00**	
Occurrence RSD	N/A	%
Mean Weight Factor	0.5	
EPA Data		
Weighted Mean Toxicity	**6.11**	
Toxicity RSD	9.12	%
Mean Weight Factor	0.75	
Weighted Mean Occurrence	**2.67**	
Occurrence RSD	108.25	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
EPA RfD (IRIS) [plotted]	0.003	mg/kg/d	6.00	1	2.00
NOEL (IRIS)	0.3	mg/kg/d	7.00	2	1.50
LEL (IRIS)	3	mg/kg/d	6.00	3	1.33

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	1188	lbs	3.00	3	1.33

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (EPA IRIS (ITER)) [plotted]	0.003	mg/(kg*d)	6.00	33	2.00
RfD (RAISHE) [plotted]	0.003	mg/(kg*d)	6.00	41	2.00
Lowest Oral LD50 (RTECS) [plotted]	5	mg/(kg*d)	7.00	21	1.25

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Total Pesticide Application (NCFAP) [plotted]	705255	lbs/year	6.00	31	1.33
Surface Water Release (TRI) [plotted]	0	lbs/year	1.00	57	1.33
Total Release (TRI) [plotted]	5	lbs/year	1.00	57	1.33

* Normalization binning according to EPA method

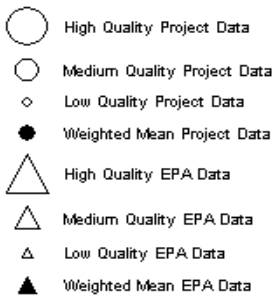
DRAFT

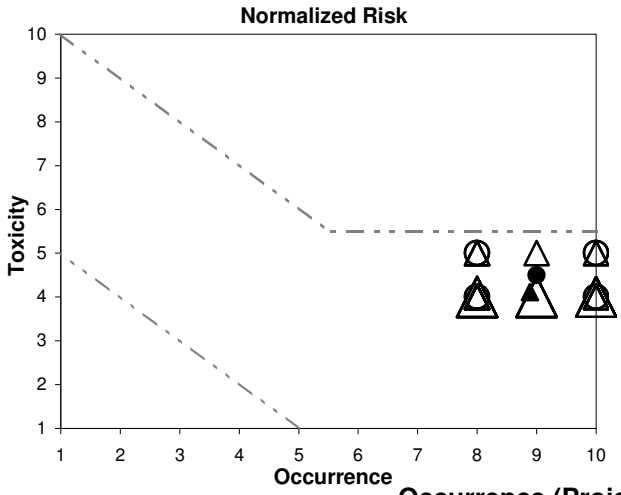
DRAFT

Formaldehyde

CAS 50-00-0
Printed 6/2/2008

Listed in CCL3





Project Data

Weighted Mean Toxicity	**4.50**	
Toxicity RSD	12.83	%
Mean Weight Factor	0.75	
Weighted Mean Occurrence	**9.00**	
Occurrence RSD	15.71	%
Mean Weight Factor	0.5	

EPA Data

Weighted Mean Toxicity	**4.11**	
Toxicity RSD	10.65	%
Mean Weight Factor	0.9	
Weighted Mean Occurrence	**8.89**	
Occurrence RSD	11.13	%
Mean Weight Factor	0.75	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
EPA RfD (IRIS) [plotted]	0.2	mg/kg/d	4.00	1	2.00
Oral Slope Factor (CA OEHHA) [plotted]	0.021	mg/kg/d	5.00	1	2.00
Cal. Prop. 65 MADL or NSRL (CA OEHHA)	1	boolean	2.00	1	2.00
NOAEL (IRIS)	15	mg/kg/d	5.00	2	1.50
LOAEL (IRIS)	82	mg/kg/d	4.00	3	1.33

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
On.site Surface Water Discharges (TRI) [plotted]	322487	lbs	8.00	3	1.33
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	2E+07	lbs	10.00	3	1.33

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (EPA IRIS (ITER)) [plotted]	0.2	mg/(kg*d)	4.00	33	2.00
RfD (EPA HA) [plotted]	0.2	mg/(kg*d)	4.00	16	2.00
RfD (RAISHE) [plotted]	0.2	mg/(kg*d)	4.00	41	2.00
Minimum Risk Level (ATSDR (ITER)) [plotted]	0.2	mg/(kg*d)	4.00	17	2.00
Lowest Oral Chronic LOAEL (RTECS) [plotted]	12.5	mg/(kg*d)	5.00	50	1.33

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection (DBP ICR) [plotted]	55.5	%	10.00	2	2.00
Max Detect Value (DBP ICR) [plotted]	30.6	µg/L	9.00	2	2.00
99th Percentile Detect Value (DBP ICR) [plotted]	29.7	µg/L	8.00	2	2.00
Surface Water Release (TRI) [plotted]	326298	lbs/year	8.00	57	1.33
Total Release (TRI) [plotted]	3E+07	lbs/year	10.00	57	1.33
Median Detect Value (DBP ICR) [plotted]	7.6	µg/L	8.00	2	1.33

* Normalization binning according to EPA method

DRAFT

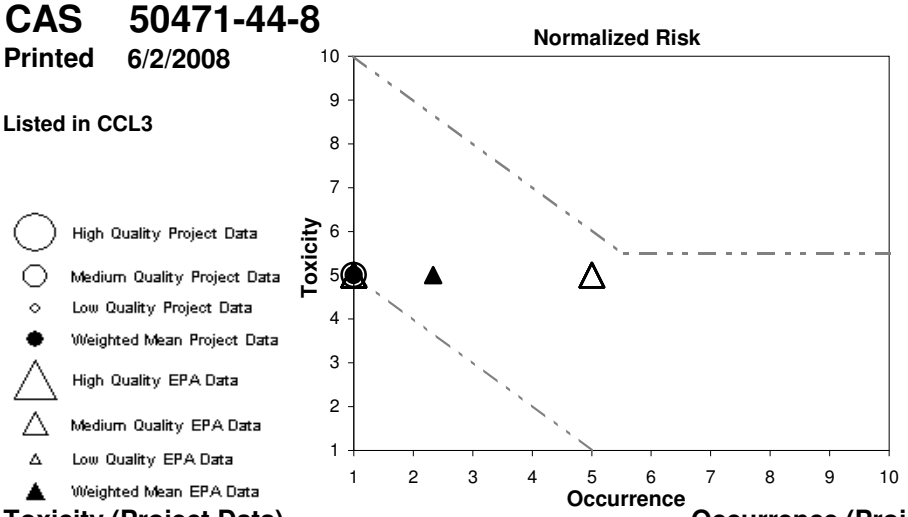
DRAFT

Vinclozolin

CAS 50471-44-8

Printed 6/2/2008

Listed in CCL3



Project Data		
Weighted Mean Toxicity	**5.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	1.00	
Weighted Mean Occurrence	**1.00**	
Occurrence RSD	N/A	%
Mean Weight Factor	0.5	
EPA Data		
Weighted Mean Toxicity	**5.00**	
Toxicity RSD	0.00	%
Mean Weight Factor	1	
Weighted Mean Occurrence	**2.33**	
Occurrence RSD	98.97	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
EPA RfD (IRIS) [plotted]	0.025	mg/kg/d	5.00	1	2.00
Cal. Prop. 65 MADL or NSRL (CA OEHHA)	1	boolean	2.00	1	2.00
NOEL (IRIS)	2.5	mg/kg/d	6.00	2	1.50
LEL (IRIS)	7.5	mg/kg/d	5.00	3	1.33

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	0	lbs	1.00	3	1.33

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (EPA OPP) [plotted]	0.012	mg/(kg*d)	5.00	22	2.00
RfD (EPA IRIS (ITER)) [plotted]	0.025	mg/(kg*d)	5.00	33	2.00
RfD (RAISHE) [plotted]	0.025	mg/(kg*d)	5.00	41	2.00
Max Acceptable Daily Intake (JMPR) [plotted]	0.01	mg/(kg*d)	5.00	23	2.00

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Total Pesticide Application (NCFAP) [plotted]	121959	lbs/year	5.00	31	1.33
Surface Water Release (TRI) [plotted]	0	lbs/year	1.00	57	1.33
Total Release (TRI) [plotted]	0	lbs/year	1.00	57	1.33

* Normalization binning according to EPA method

DRAFT

DRAFT

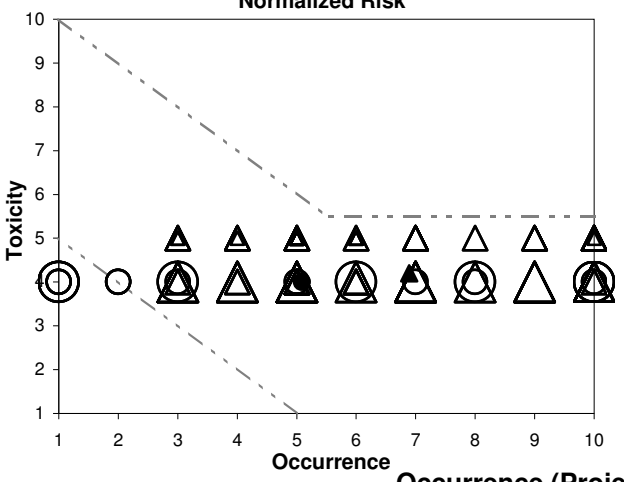
Metolachlor

CAS 51218-45-2

Printed 6/2/2008

Class: Pesticide

Normalized Risk



Listed in CCL3

Listed in CCL2

Listed in CCL1

High Quality Project Data
Medium Quality Project Data
Low Quality Project Data
Weighted Mean Project Data
High Quality EPA Data
Medium Quality EPA Data
Low Quality EPA Data
Weighted Mean EPA Data

Project Data

Weighted Mean Toxicity	**4.00**	
Toxicity RSD	0	%
Mean Weight Factor	1.00	
Weighted Mean Occurrence	**5.09**	
Occurrence RSD	72.57	%
Mean Weight Factor	0.3594	

EPA Data

Weighted Mean Toxicity	**4.20**	
Toxicity RSD	12.45	%
Mean Weight Factor	0.75	
Weighted Mean Occurrence	**6.89**	
Occurrence RSD	36.46	%
Mean Weight Factor	0.66	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD EPA 2006 DWS&HA () [plotted]	0.1	mg/kg/d	4.00	1	2.00
EPA RfD (IRIS) [plotted]	0.15	mg/kg/d	4.00	1	2.00
NOEL (IRIS)	15	mg/kg/d	5.00	2	1.50
LEL (IRIS)	150	mg/kg/d	4.00	3	1.33

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Percent Detection in stream and raw-water (Stackelberg) [plotted]	0	%	1.00	2	1.50
WWTP effluent and Stream Frequency of Detection (Glassmeyer) [plotted]	37.5	%	10.00	2	1.50
Frequency Detection in Surface Water of the Yakima River Basin, WA (Ebbert)	13.265	%	10.00	2	1.50
Max Concentration in Stream (USGA NAWQA) [plotted]	2.42	µg/L	6.00	2	1.50
95th Percentile Concentration in Source Water (Battaglin) [plotted]	14.7	µg/L	8.00	2	1.50
Max Concentration in Source Water (Battaglin) [plotted]	143	µg/L	10.00	2	1.50
Maximum Concentration in WWTP effluent and Stream (Glassmeyer)	0.097	µg/L	2.00	2	1.50
Max Concentration in Surface Water (Ebbert)	0.009	µg/L	1.00	2	1.50
50th Percentile Concentration in Stream (USGA NAWQA)	0.003	µg/L	2.00	4	1.25
75th Percentile Concentration in Stream (USGA NAWQA)	0.01	µg/L	3.00	4	1.25
90th Percentile Concentration in Stream (USGA NAWQA)	0.027	µg/L	2.00	4	1.25
95th Percentile Concentration in Stream (USGA NAWQA)	0.027	µg/L	2.00	4	1.25
50th Percentile Concentration in Source Water (Battaglin)	1.67	µg/L	7.00	4	1.25
75th Percentile Concentration in Source Water (Battaglin)	3.21	µg/L	8.00	4	1.25
75th Percentile Concentration in Surface Water (Ebbert)	0.002	µg/L	1.00	4	1.25
90th Percentile Concentration in Surface Water (Ebbert)	0.003	µg/L	1.00	4	1.25
Frequency Detection in BC Canada Farm Ditches (Wan)	37.931	%	10.00	4	1.08
Mean Concentration in BC, Canada Farm Ditches (Wan)	0.29	µg/L	5.00	4	1.08

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (EPA IRIS (ITER)) [plotted]	0.15	mg/(kg*d)	4.00	33	2.00
RfD (EPA HA) [plotted]	0.15	mg/(kg*d)	4.00	16	2.00
RfD (RAISHE) [plotted]	0.15	mg/(kg*d)	4.00	41	2.00

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection in Round 2 Finished Water (NCOD) [plotted]	0.89	µg/L	6.00	12	2.00
Max Concentration in Round 2 Finished Water (NCOD) [plotted]	13.8	µg/L	8.00	12	2.00
99th Percentile Concentration in Round 2 Finished Water (NCOD) [plotted]	7.1	µg/L	7.00	12	2.00

DRAFT

Metalchlor Toxicity Cont. (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Lowest Oral Chronic LOAEL (RTECS) [plotted]	25	mg/(kg*d)	5.00	50	1.33
Lowest Oral LD50 (RTECS) [plotted]	1150	mg/(kg*d)	5.00	21	1.25

Metachlor Occurrence Cont. (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection (CAL DHS) [plotted]	0.2	%	10.00	14	2.00
Max Detect Value (CAL DHS) [plotted]	0.7	µg/L	5.00	9	2.00
99th Percentile Detect Value (CAL DHS) [plotted]	0.1	µg/L	4.00	5	2.00
Percent Detection in Finished Water (PPMP) [plotted]	86.8	%	10.00	3	2.00
Maximum Concentration in Finished Water (PPMP) [plotted]	0.661	µg/L	5.00	3	2.00
95th Percentile Concentration in Finished Water (PPMP) [plotted]	0.336	µg/L	5.00	3	2.00
Frequency Detection in Finished Water (PDP, 2001) [plotted]	50.2	%	10.00	7	2.00
Max Concentration in Finished Water (PDP, 2001) [plotted]	0.079	µg/L	3.00	7	2.00
Frequency Detection in Finished Water (PDP, 2002) [plotted]	40	%	10.00	5	2.00
Max Concentration in Finished Water (PDP, 2002) [plotted]	0.226	µg/L	4.00	5	2.00
Frequency Detection in Ambient Water (NAWQA) [plotted]	25.4	µg/L	10.00	24	1.50
Max Concentration in Ambient Water (NAWQA) [plotted]	77.6	µg/L	9.00	24	1.50
99th Percentile Concentration in Ambient Water (NAWQA) [plotted]	6.71	µg/L	7.00	24	1.50
Frequency Detection in Ambient Surface Water (NREC: National Reconnaissance) [plotted]	8.76	µg/L	9.00	0	1.50
Frequency Detection in Ambient Ground Water (NREC: National Reconnaissance) [plotted]	1.23	µg/L	7.00	1	1.50
Percent Detection in Ambient Water (PPMP) [plotted]	89.2	%	10.00	5	1.50
Maximum Concentration in Ambient Water (PPMP) [plotted]	3.32	µg/L	7.00	5	1.50
95th Percentile Concentration in Ambient Water (PPMP) [plotted]	0.032	µg/L	3.00	3	1.50

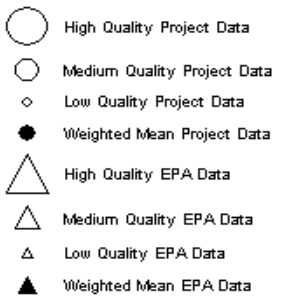
* Normalization binning according to EPA method

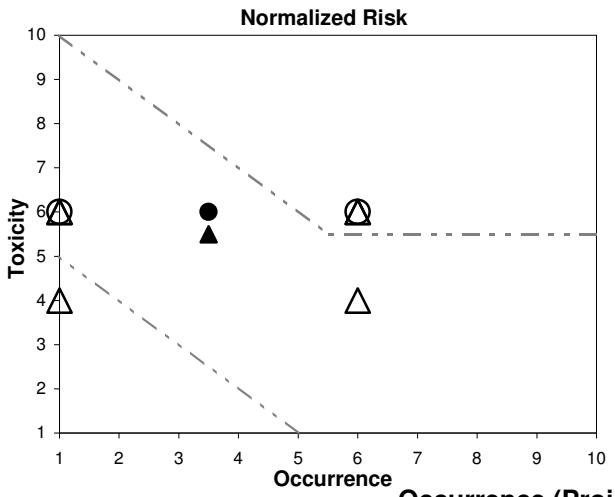
DRAFT

Urethane (Ethyl carbamate)

CAS 51-79-6
Printed 6/2/2008

Listed in CCL3





Project Data

Weighted Mean Toxicity	**6.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	1.00	
Weighted Mean Occurrence	**3.50**	
Occurrence RSD	101.02	%
Mean Weight Factor	0.5	

EPA Data

Weighted Mean Toxicity	**5.50**	
Toxicity RSD	21.65	%
Mean Weight Factor	0.6667	
Weighted Mean Occurrence	**3.50**	
Occurrence RSD	101.02	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Oral Slope Factor (CA OEHHA) [plotted]	1	mg/kg/d	6.00	1	2.00
Cal. Prop. 65 MADL or NSRL (CA OEHHA)	1	boolean	2.00	1	2.00

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
On.site Surface Water Discharges (TRI) [plotted]	0	lbs	1.00	3	1.33
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	91092	lbs	6.00	3	1.33

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Cancer Slope Factor (OEHHA) [plotted]	1	$(mg/(kg*d))^{-1}$	6.00	24	2.00
Supplemental NOEL (Supplemental) [plotted]	1.84	mg/(kg*d)	6.00	9	1.50
Lowest Oral Chronic LOAEL (RTECS) [plotted]	78	mg/(kg*d)	4.00	50	1.33

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Surface Water Release (TRI) [plotted]	0	lbs/year	1.00	57	1.33
Total Release (TRI) [plotted]	96050	lbs/year	6.00	57	1.33

* Normalization binning according to EPA method

DRAFT

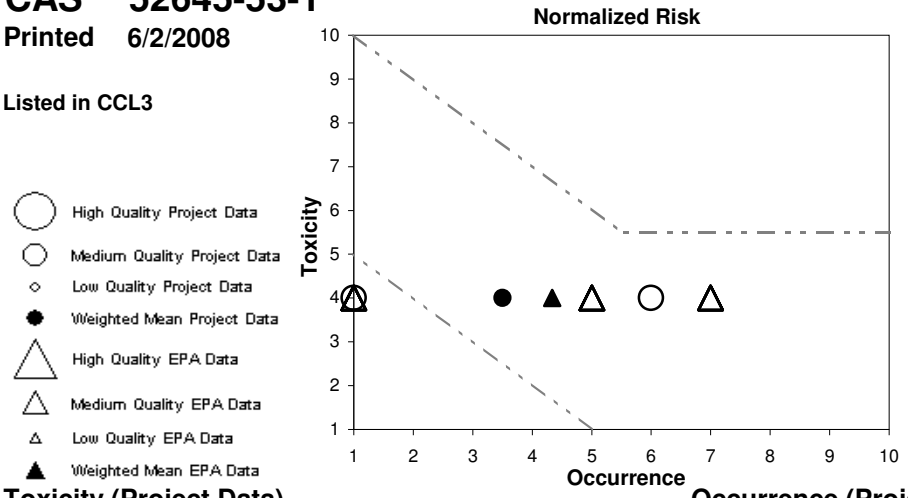
DRAFT

Permethrin

CAS 52645-53-1

Printed 6/2/2008

Listed in CCL3



Project Data

Weighted Mean Toxicity	**4.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	1.00	
Weighted Mean Occurrence	**3.50**	
Occurrence RSD	101.02	%
Mean Weight Factor	0.5	

EPA Data

Weighted Mean Toxicity	**4.00**	
Toxicity RSD	0.00	%
Mean Weight Factor	1	
Weighted Mean Occurrence	**4.33**	
Occurrence RSD	70.50	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
EPA RfD (IRIS) [plotted]	0.05	mg/kg/d	4.00	1	2.00
NOEL (IRIS)	5	mg/kg/d	5.00	2	1.50
LEL (IRIS)	25	mg/kg/d	5.00	3	1.33

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
On.site Surface Water Discharges (TRI) [plotted]	5	lbs	1.00	3	1.33
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	34067	lbs	6.00	3	1.33

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (EPA OPP) [plotted]	0.25	mg/(kg*d)	4.00	22	2.00
RfD (EPA IRIS (ITER)) [plotted]	0.05	mg/(kg*d)	4.00	33	2.00
RfD (RAISHE) [plotted]	0.05	mg/(kg*d)	4.00	41	2.00
Minimum Risk Level (ATSDR (ITER)) [plotted]	0.2	mg/(kg*d)	4.00	17	2.00
Max Acceptable Daily Intake (JMPR) [plotted]	0.05	mg/(kg*d)	4.00	23	2.00
Cancer Slope Factor (RAISHE) [plotted]	0.0096	(mg/(kg*d))-1	4.00	24	2.00

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Total Pesticide Application (NCFAP) [plotted]	1E+06	lbs/year	7.00	31	1.33
Surface Water Release (TRI) [plotted]	0	lbs/year	1.00	57	1.33
Total Release (TRI) [plotted]	17979	lbs/year	5.00	57	1.33

* Normalization binning according to EPA method

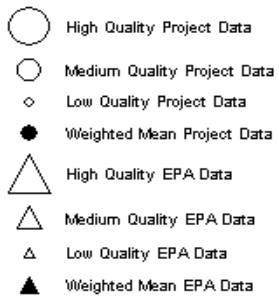
DRAFT

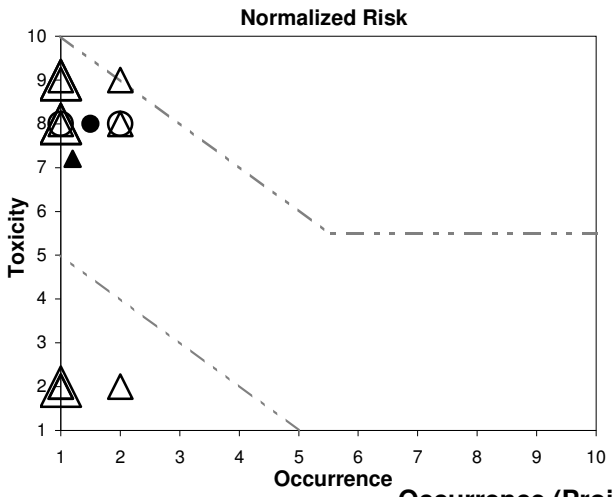
DRAFT

N-Nitrosodiethylamine

CAS 55-18-5
Printed 6/2/2008

Listed in CCL3





Project Data

Weighted Mean Toxicity	**8.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	1.00	
Weighted Mean Occurrence	**1.50**	
Occurrence RSD	47.14	%
Mean Weight Factor	0.5	

EPA Data

Weighted Mean Toxicity	**7.20**	
Toxicity RSD	59.78	%
Mean Weight Factor	0.8333	
Weighted Mean Occurrence	**1.20**	
Occurrence RSD	40.00	%
Mean Weight Factor	0.63	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Oral Slope Factor (CA OEHHA) [plotted]	36	mg/kg/d	8.00	1	2.00
Cal. Prop. 65 MADL or NSRL (CA OEHHA)	1	boolean	2.00	1	2.00

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
On.site Surface Water Discharges (TRI) [plotted]	0	lbs	1.00	3	1.33
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	500	lbs	2.00	3	1.33

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Cancer Slope Factor (RAISHE) [plotted]	150	(mg/(kg*d))-1	9.00	24	2.00
Cancer Slope Factor (OEHHA) [plotted]	36	(mg/(kg*d))-1	8.00	24	2.00
Lifetime Cancer Risk (EPA) [plotted]	2E-05	mg/L	2.00	17	1.50

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection (CAL DHS) [plotted]	0	%	1.00	14	2.00
Frequency Detection (STORET) [plotted]	0	%	1.00	11	1.50
Surface Water Release (TRI) [plotted]	0	lbs/year	1.00	57	1.33
Total Release (TRI) [plotted]	1000	lbs/year	2.00	57	1.33

* Normalization binning according to EPA method

DRAFT

DRAFT

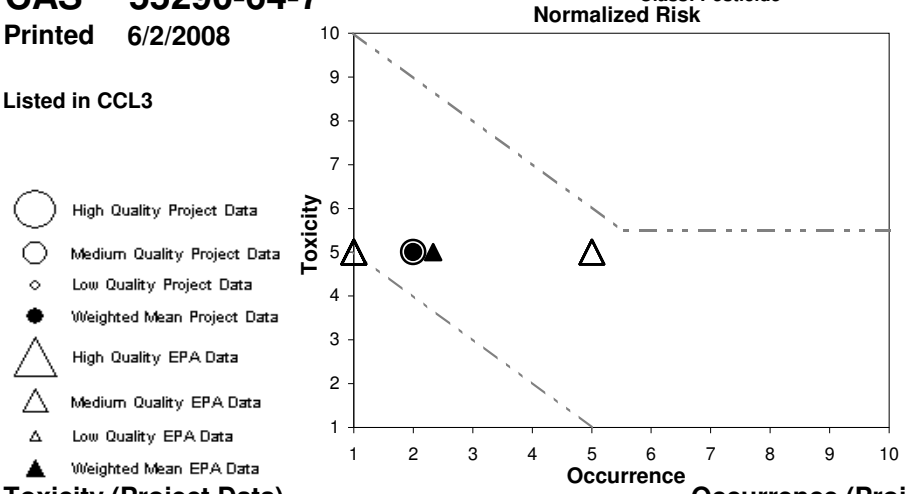
Dimethipin

CAS 55290-64-7

Printed 6/2/2008

Listed in CCL3

Class: Pesticide



Project Data		
Weighted Mean Toxicity	**5.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	1.00	
Weighted Mean Occurrence	**2.00**	
Occurrence RSD	N/A	%
Mean Weight Factor	0.5	

EPA Data		
Weighted Mean Toxicity	**5.00**	
Toxicity RSD	0.00	%
Mean Weight Factor	1	
Weighted Mean Occurrence	**2.33**	
Occurrence RSD	98.97	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
EPA RfD (IRIS) [plotted]	0.02	mg/kg/d	5.00	1	2.00
NOEL (IRIS)	2	mg/kg/d	6.00	2	1.50
LEL (IRIS)	10	mg/kg/d	5.00	3	1.33

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	406	lbs	2.00	3	1.33

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (EPA OPP) [plotted]	0.0218	mg/(kg*d)	5.00	22	2.00
RfD (EPA IRIS (ITER)) [plotted]	0.02	mg/(kg*d)	5.00	33	2.00
RfD (RAISHE) [plotted]	0.02	mg/(kg*d)	5.00	41	2.00
Max Acceptable Daily Intake (JMPR) [plotted]	0.02	mg/(kg*d)	5.00	23	2.00

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Total Pesticide Application (NCFAP) [plotted]	282458	lbs/year	5.00	31	1.33
Surface Water Release (TRI) [plotted]	0	lbs/year	1.00	57	1.33
Total Release (TRI) [plotted]	250	lbs/year	1.00	57	1.33

* Normalization binning according to EPA method

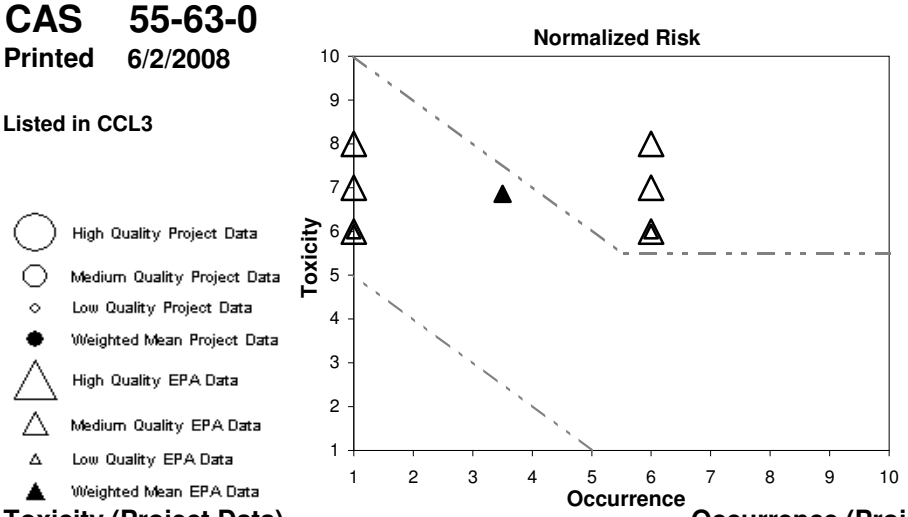
DRAFT

DRAFT

Nitroglycerin

CAS 55-63-0
Printed 6/2/2008

Listed in CCL3



Project Data

Weighted Mean Toxicity	**N/A**	
Toxicity RSD	N/A	%
Mean Weight Factor	N/A	
Weighted Mean Occurrence	**N/A**	
Occurrence RSD	N/A	%
Mean Weight Factor	N/A	

EPA Data

Weighted Mean Toxicity	**6.86**	
Toxicity RSD	14.18	%
Mean Weight Factor	0.4375	
Weighted Mean Occurrence	**3.50**	
Occurrence RSD	101.02	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Lifetime Cancer Risk (EPA) [plotted]	0.2	mg/L	6.00	17	1.50
Lowest Oral Chronic LOAEL (RTECS) [plotted]	0.125	mg/(kg*d)	7.00	50	1.33
Supplemental LOAEL (Supplemental) [plotted]	0.008	mg/(kg*d)	8.00	3	1.33
Lowest Oral LD50 (RTECS) [plotted]	105	mg/(kg*d)	6.00	21	1.25

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Surface Water Release (TRI) [plotted]	0.2	lbs/year	1.00	57	1.33
Total Release (TRI) [plotted]	55979	lbs/year	6.00	57	1.33

* Normalization binning according to EPA method

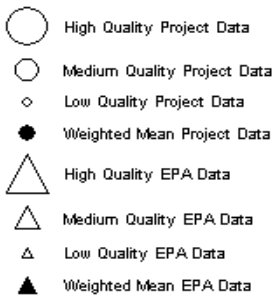
DRAFT

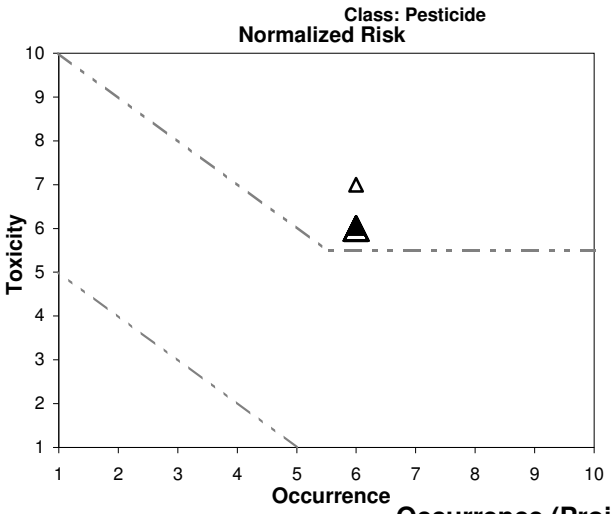
Ethion

CAS 563-12-2

Printed 6/2/2008

Listed in CCL3





Project Data		
Weighted Mean Toxicity	**6.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	1.00	
Weighted Mean Occurrence	**N/A**	
Occurrence RSD	N/A	%
Mean Weight Factor	N/A	
EPA Data		
Weighted Mean Toxicity	**6.04**	
Toxicity RSD	6.15	%
Mean Weight Factor	0.8214	
Weighted Mean Occurrence	**6.00**	
Occurrence RSD	N/A	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
EPA RfD (IRIS) [plotted]	0.0005	mg/kg/d	6.00	1	2.00
NOEL (IRIS)	0.05	mg/kg/d	7.00	2	1.50
LEL (IRIS)	0.075	mg/kg/d	7.00	3	1.33

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (EPA OPP) [plotted]	0.0005	mg/(kg*d)	6.00	22	2.00
RfD (EPA IRIS (ITER)) [plotted]	0.0005	mg/(kg*d)	6.00	33	2.00
RfD (RAISHE) [plotted]	0.0005	mg/(kg*d)	6.00	41	2.00
Minimum Risk Level (ATSDR (ITER)) [plotted]	0.0004	mg/(kg*d)	6.00	17	2.00
Max Acceptable Daily Intake (JMPR) [plotted]	0.002	mg/(kg*d)	6.00	23	2.00
Lowest Oral Chronic LOAEL (RTECS) [plotted]	0.5	mg/(kg*d)	6.00	50	1.33
Lowest Oral LD50 (RTECS) [plotted]	13	mg/(kg*d)	7.00	21	1.25

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Total Pesticide Application (NCFAP) [plotted]	504535	lbs/year	6.00	31	1.33

* Normalization binning according to EPA method

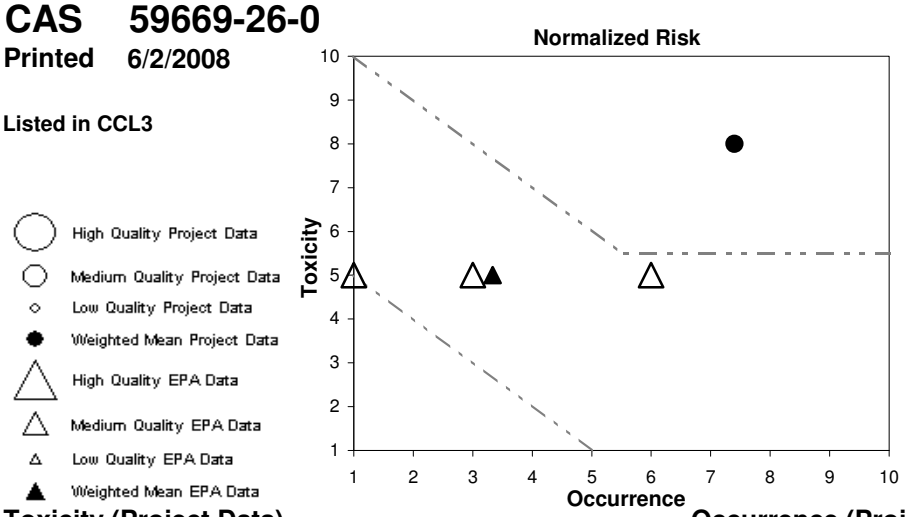
DRAFT

Thiodicarb

CAS 59669-26-0

Printed 6/2/2008

Listed in CCL3



Project Data

Weighted Mean Toxicity	**8.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	1.00	
Weighted Mean Occurrence	**7.40**	
Occurrence RSD	49.28	%
Mean Weight Factor	0.5	

EPA Data

Weighted Mean Toxicity	**5.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	1	
Weighted Mean Occurrence	**3.33**	
Occurrence RSD	75.50	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Cal. Prop. 65 MADL or NSRL (CA OEHHA)	1	boolean	2.00	1	2.00

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
On.site Surface Water Discharges (TRI)	0.05	lbs	1.00	3	1.33
Total On- and Off-site Disposal or Other Releases (TRI)	889.05	lbs	2.00	3	1.33

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Max Acceptable Daily Intake (JMPR) [plotted]	0.03	mg/(kg*d)	5.00	23	2.00

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Total Pesticide Application (NCFAP) [plotted]	821267	lbs/year	6.00	31	1.33
Surface Water Release (TRI) [plotted]	0.05	lbs/year	1.00	57	1.33
Total Release (TRI) [plotted]	1430	lbs/year	3.00	57	1.33

* Normalization binning according to EPA method

DRAFT

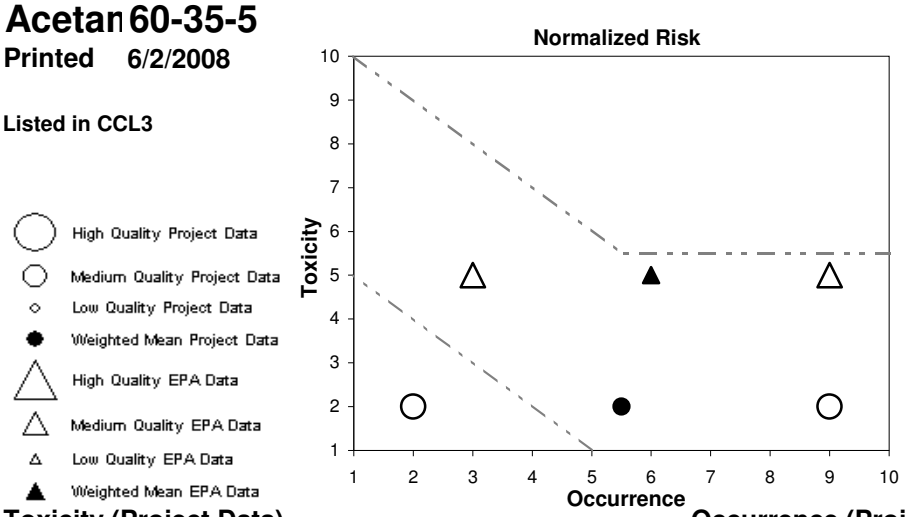
DRAFT

Acetamide

Acetan 60-35-5

Printed 6/2/2008

Listed in CCL3



Project Data		
Weighted Mean Toxicity	**2.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	1.00	
Weighted Mean Occurrence	**5.50**	
Occurrence RSD	90.00	%
Mean Weight Factor	0.5	

EPA Data		
Weighted Mean Toxicity	**5.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	1	
Weighted Mean Occurrence	**6.00**	
Occurrence RSD	70.71	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Oral Slope Factor (CA OEHHA) [plotted]	7E-05	mg/kg/d	2.00	1	2.00
Cal. Prop. 65 MADL or NSRL (CA OEHHA)	1	boolean	2.00	1	2.00

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
On.site Surface Water Discharges (TRI) [plotted]	990	lbs	2.00	3	1.33
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	1E+06	lbs	9.00	3	1.33

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Cancer Slope Factor (OEHHA) [plotted]	0.07	$(mg/(kg*d))^{-1}$	5.00	24	2.00

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Surface Water Release (TRI) [plotted]	2754	lbs/year	3.00	57	1.33
Total Release (TRI) [plotted]	1E+06	lbs/year	9.00	57	1.33

* Normalization binning according to EPA method

DRAFT

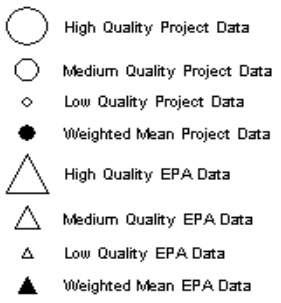
DRAFT

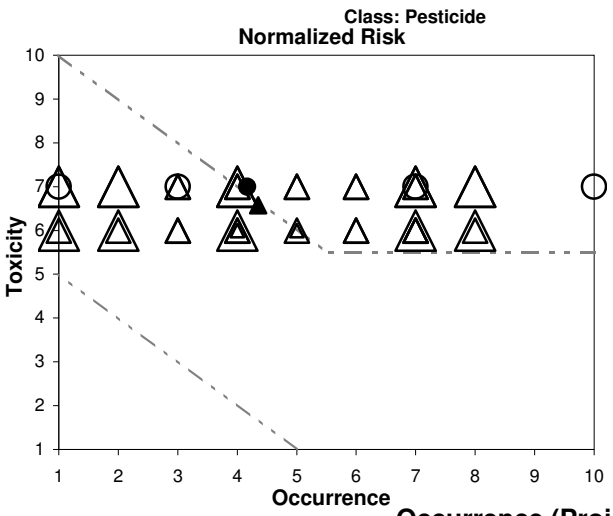
Dimethoate

CAS 60-51-5

Printed 6/2/2008

Listed in CCL3





Project Data

Weighted Mean Toxicity	**7.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	1.00	
Weighted Mean Occurrence	**4.17**	
Occurrence RSD	76.78	%
Mean Weight Factor	0.375	

EPA Data

Weighted Mean Toxicity	**6.57**	
Toxicity RSD	8.88	%
Mean Weight Factor	0.875	
Weighted Mean Occurrence	**4.35**	
Occurrence RSD	49.19	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
EPA RfD (IRIS) [plotted]	0.0002	mg/kg/d	7.00	1	2.00
NOEL (IRIS)	0.05	mg/kg/d	7.00	2	1.50
LEL (IRIS)	0.25	mg/kg/d	7.00	3	1.33

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
On.site Surface Water Discharges (TRI) [plotted]	5	lbs	1.00	3	1.33
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	1247.6	lbs	3.00	3	1.33
Frequency Detection in BC Canada Farm Ditches (Wan) [plotted]	13.793	%	10.00	4	1.08
Mean Concentration in BC, Canada Farm Ditches (Wan) [plotted]	1.1	µg/L	7.00	4	1.08

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (EPA IRIS (ITER)) [plotted]	0.0002	mg/(kg*d)	7.00	33	2.00
RfD (RAISHE) [plotted]	0.0002	mg/(kg*d)	7.00	41	2.00
Max Acceptable Daily Intake (JMPR) [plotted]	0.002	mg/(kg*d)	6.00	23	2.00
Lowest Oral Chronic LOAEL (RTECS) [plotted]	3	mg/(kg*d)	6.00	50	1.33

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection (CAL DHS) [plotted]	0	%	1.00	14	2.00
Percent Detection in Ambient Water (PPMP) [plotted]	1.3	%	7.00	5	1.50
Maximum Concentration in Ambient Water (PPMP) [plotted]	0.022	µg/L	2.00	5	1.50
Frequency Detection (STORET) [plotted]	1.57	%	8.00	11	1.50
Max Concentration (STORET) [plotted]	0.21	µg/L	4.00	8	1.50
Total Pesticide Application (NCFAP) [plotted]	2E+06	lbs/year	7.00	31	1.33
Surface Water Release (TRI) [plotted]	2615	lbs/year	3.00	57	1.33
Total Release (TRI) [plotted]	31480	lbs/year	6.00	57	1.33
Median Concentration (STORET) [plotted]	0.148	µg/L	5.00	8	1.25
90th Percentile Concentration (STORET) [plotted]	0.196	µg/L	4.00	8	1.25

* Normalization binning according to EPA method

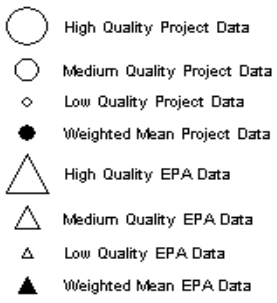
DRAFT

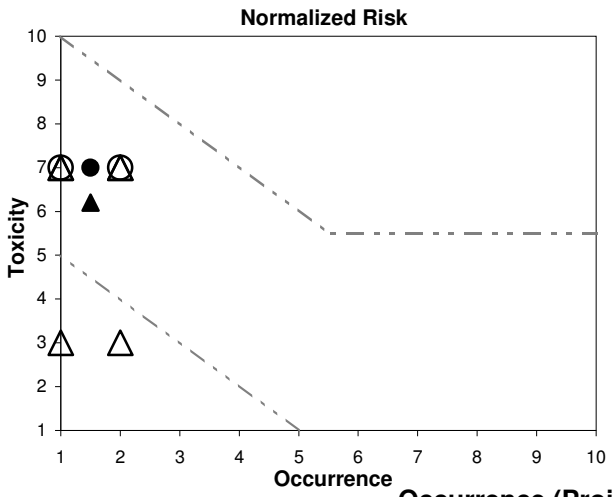
DRAFT

N-Nitrosodi-n-propylamine

CAS 621-64-7
Printed 6/2/2008

Listed in CCL3





Project Data

Weighted Mean Toxicity	**7.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	1.00	
Weighted Mean Occurrence	**1.50**	
Occurrence RSD	47.14	%
Mean Weight Factor	0.5	

EPA Data

Weighted Mean Toxicity	**6.20**	
Toxicity RSD	40.75	%
Mean Weight Factor	0.8333	
Weighted Mean Occurrence	**1.50**	
Occurrence RSD	47.14	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Oral Slope Factor (CA OEHHA) [plotted]	7	mg/kg/d	7.00	1	2.00
Cal. Prop. 65 MADL or NSRL (CA OEHHA)	1	boolean	2.00	1	2.00

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
On.site Surface Water Discharges (TRI) [plotted]	0	lbs	1.00	3	1.33
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	755	lbs	2.00	3	1.33

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Cancer Slope Factor (RAISHE) [plotted]	7	(mg/(kg*d))-1	7.00	24	2.00
Cancer Slope Factor (OEHHA) [plotted]	7	(mg/(kg*d))-1	7.00	24	2.00
Lifetime Cancer Risk (EPA) [plotted]	0.0005	mg/L	3.00	17	1.50

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Surface Water Release (TRI) [plotted]	0	lbs/year	1.00	57	1.33
Total Release (TRI) [plotted]	506	lbs/year	2.00	57	1.33

* Normalization binning according to EPA method

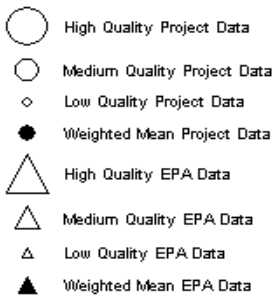
DRAFT

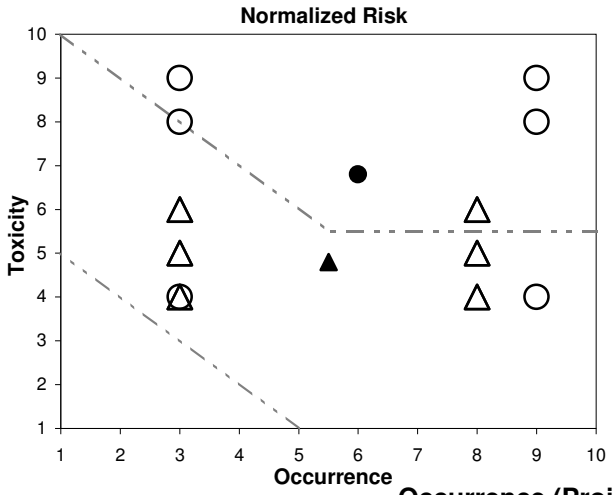
DRAFT

Aniline

CAS 62-53-3
Printed 6/2/2008

Listed in CCL3





Project Data

Weighted Mean Toxicity	**6.80**	
Toxicity RSD	37.796	%
Mean Weight Factor	0.83	
Weighted Mean Occurrence	**6.00**	
Occurrence RSD	70.71	%
Mean Weight Factor	0.5	

EPA Data

Weighted Mean Toxicity	**4.80**	
Toxicity RSD	17.89	%
Mean Weight Factor	0.8333	
Weighted Mean Occurrence	**5.50**	
Occurrence RSD	64.28	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
EPA RfD (IRIS) [plotted]	1E-06	mg/kg/d	9.00	1	2.00
Oral Slope Factor (CA OEHHA) [plotted]	0.0057	mg/kg/d	4.00	1	2.00
Cal. Prop. 65 MADL or NSRL (CA OEHHA)	1	boolean	2.00	1	2.00
NOAEL (IRIS)	0.0034	mg/kg/d	8.00	2	1.50

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
On.site Surface Water Discharges (TRI) [plotted]	2440	lbs	3.00	3	1.33
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	2E+06	lbs	9.00	3	1.33

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (RAISHE) [plotted]	0.007	mg/(kg*d)	5.00	41	2.00
Tolerable Daily Intake (ITER) [plotted]	0.007	mg/(kg*d)	5.00	5	2.00
Cancer Slope Factor (RAISHE) [plotted]	0.0057	(mg/(kg*d))-1	4.00	24	2.00
Cancer Slope Factor (OEHHA) [plotted]	0.0057	(mg/(kg*d))-1	4.00	24	2.00
Lifetime Cancer Risk (EPA) [plotted]	0.6	mg/L	6.00	17	1.50
Lowest Oral Chronic LOAEL (RTECS) [plotted]	2.5	mg/(kg*d)	6.00	50	1.33

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Surface Water Release (TRI) [plotted]	1903	lbs/year	3.00	57	1.33
Total Release (TRI) [plotted]	937263	lbs/year	8.00	57	1.33

* Normalization binning according to EPA method

DRAFT

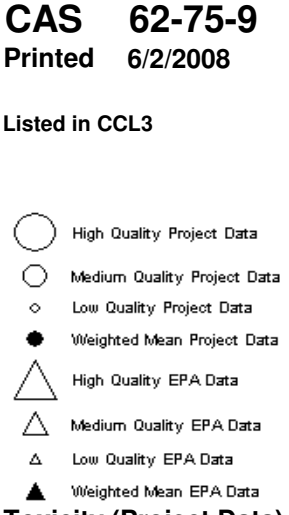
DRAFT

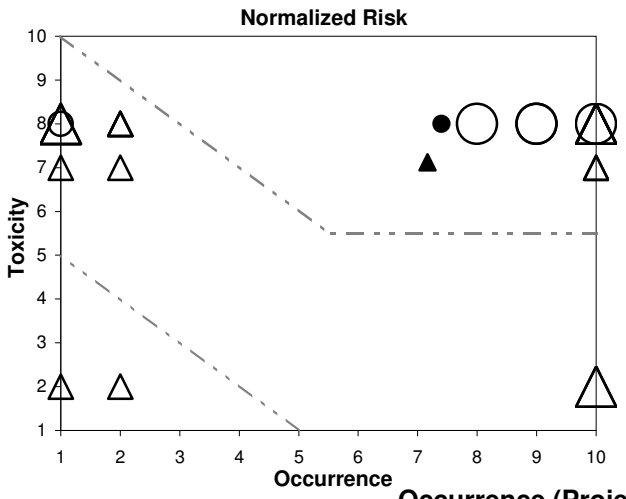
N-Nitrosodimethylamine (NDMA)

CAS 62-75-9

Printed 6/2/2008

Listed in CCL3





Project Data

Weighted Mean Toxicity	**8.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	1.00	
Weighted Mean Occurrence	**7.40**	
Occurrence RSD	49.28	%
Mean Weight Factor	0.5	

EPA Data

Weighted Mean Toxicity	**7.13**	
Toxicity RSD	39.51	%
Mean Weight Factor	0.8	
Weighted Mean Occurrence	**7.17**	
Occurrence RSD	85.64	%
Mean Weight Factor	0.75	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Oral Slope Factor (CA OEHHA) [plotted]	16	mg/kg/d	8.00	1	2.00
Cal. Prop. 65 MADL or NSRL (CA OEHHA)	1	boolean	2.00	1	2.00

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Drinking Water Treatment Plant Influent (Pennsylvania) (Guo) [plotted]	37	ng/L	9.00	2	1.50
Drinking Water Treatment Plant Influent (Oklahoma) (Guo) [plotted]	22	ng/L	8.00	2	1.50
Drinking Water Treatment Plant Influent (New Jersey) (Guo) [plotted]	75	ng/L	9.00	2	1.50
Drinking Water Treatment Plant Influent (Colorado) (Guo) [plotted]	261	ng/L	10.00	2	1.50
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	0	lbs	1.00	3	1.33
WWTP effluent concentration (Southington, CT) (Schreiber)	10.3	ng/L	7.00	5	1.20
WWTP effluent concentration (Cheshire, CT) (Schreiber)	11.1	ng/L	7.00	5	1.20
WWTP effluent concentration (Meriden, CT) (Schreiber)	13.4	ng/L	7.00	5	1.20
WWTP effluent concentration (Wallingford, CT) (Schreiber)	400	ng/L	10.00	5	1.20

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (RAISHE) [plotted]	8E-06	mg/(kg*d)	8.00	41	2.00
Cancer Slope Factor (RAISHE) [plotted]	51	(mg/(kg*d))-1	8.00	24	2.00
Cancer Slope Factor (OEHHA) [plotted]	16	(mg/(kg*d))-1	8.00	24	2.00
Lifetime Cancer Risk (EPA) [plotted]	7E-05	mg/L	2.00	17	1.50
Lowest Oral Chronic LOAEL (RTECS) [plotted]	0.2	mg/(kg*d)	7.00	50	1.33

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection (CAL DHS) [plotted]	21.3	%	10.00	14	2.00
Max Detect Value (CAL DHS) [plotted]	440	µg/L	10.00	9	2.00
Frequency Detection (STORET) [plotted]	0	%	1.00	11	1.50
Median Detect Value (CAL DHS) [plotted]	0.009	µg/L	2.00	9	1.33

* Normalization binning according to EPA method

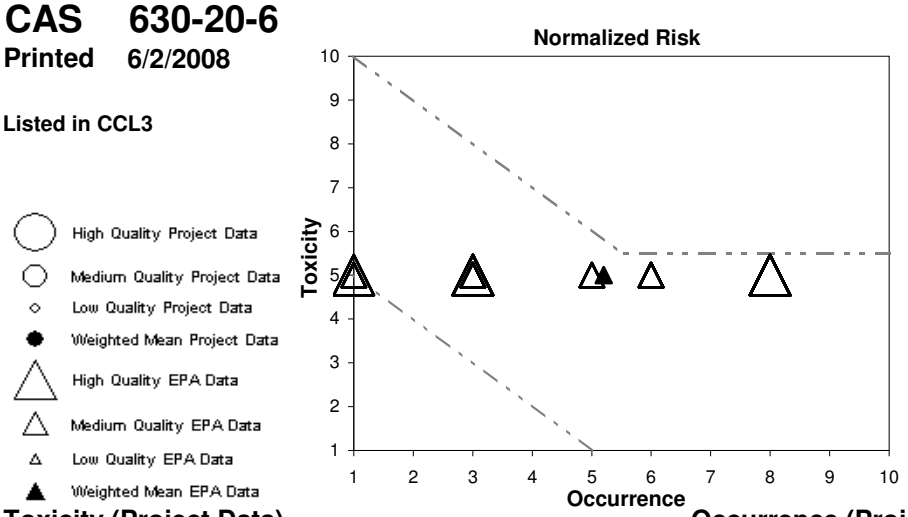
DRAFT

DRAFT

1,1,1,2-Tetrachloroethane

CAS 630-20-6
Printed 6/2/2008

Listed in CCL3



Project Data		
Weighted Mean Toxicity	**N/A**	
Toxicity RSD	N/A	%
Mean Weight Factor	N/A	
Weighted Mean Occurrence	**5.08**	
Occurrence RSD	56.57	%
Mean Weight Factor	0.4286	

EPA Data		
Weighted Mean Toxicity	**5.00**	
Toxicity RSD	0.00	%
Mean Weight Factor	0.9	
Weighted Mean Occurrence	**5.20**	
Occurrence RSD	55.61	%
Mean Weight Factor	0.67	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection with Stream Samples (NAWQA) [plotted]	11.7	%	10.00	2	1.50
95th Percentile Concentration in Stream (NAWQA) [plotted]	0.2	µg/L	4.00	2	1.50
Max Concentration in Stream (NAWQA) [plotted]	3	µg/L	7.00	2	1.50
On.site Surface Water Discharges (TRI) [plotted]	7.42	lbs	1.00	3	1.33
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	5585.5	lbs	4.00	3	1.33
75th Percentile Concentration in Stream (NAWQA) [plotted]	0.2	µg/L	5.00	4	1.25
90th Percentile Concentration in Stream (NAWQA) [plotted]	0.2	µg/L	4.00	4	1.25

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (EPA IRIS (ITER)) [plotted]	0.03	mg/(kg*d)	5.00	33	2.00
RfD (EPA HA) [plotted]	0.03	mg/(kg*d)	5.00	16	2.00
RfD (RAISHE) [plotted]	0.03	mg/(kg*d)	5.00	41	2.00
Cancer Slope Factor (RAISHE) [plotted]	0.026	(mg/(kg*d))-1	5.00	24	2.00
Lifetime Cancer Risk (EPA) [plotted]	0.1	mg/L	5.00	17	1.50

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection in Round 1 Finished Water (NCOD) [plotted]	0.18	µg/L	3.00	7	2.00
Max Concentration in Round 1 Finished Water (NCOD) [plotted]	9.2	µg/L	8.00	7	2.00
99th Percentile Concentration in Round 1 Finished Water (NCOD) [plotted]	9.2	µg/L	8.00	7	2.00
Frequency Detection in Round 2 Finished Water (NCOD) [plotted]	0.21	µg/L	3.00	12	2.00
Max Concentration in Round 2 Finished Water (NCOD) [plotted]	18	µg/L	8.00	12	2.00
99th Percentile Concentration in Round 2 Finished Water (NCOD) [plotted]	18	µg/L	8.00	12	2.00
Frequency Detection in Ambient Water (NAWQA) [plotted]	0.09	µg/L	1.00	24	1.50
Max Concentration in Ambient Water (NAWQA) [plotted]	0.0644	µg/L	3.00	24	1.50
99th Percentile Concentration in Ambient Water (NAWQA) [plotted]	0.0644	µg/L	3.00	24	1.50
Median Concentration in Round 1 Finished Water (NCOD) [plotted]	0.59	µg/L	6.00	7	1.33
Median Concentration in Round 2 Finished Water (NCOD) [plotted]	0.5	µg/L	6.00	12	1.33
Surface Water Release (TRI) [plotted]	36	lbs/year	1.00	57	1.33
Total Release (TRI) [plotted]	12088	lbs/year	5.00	57	1.33
Median Concentration in Ambient Water (NAWQA) [plotted]	0.0275	µg/L	3.00	24	1.25
90th Percentile Concentration in Ambient Water (NAWQA) [plotted]	0.0644	µg/L	3.00	23	1.25

* Normalization binning according to EPA method

DRAFT

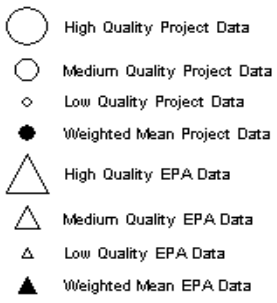
DRAFT

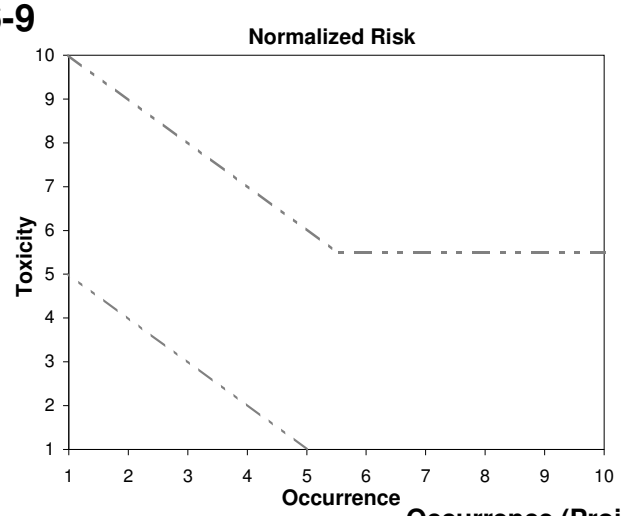
Anatoxin-a

CAS 64285-06-9

Printed 6/2/2008

Listed in CCL3





Project Data		
Weighted Mean Toxicity	**N/A**	
Toxicity RSD	N/A	%
Mean Weight Factor	N/A	
Weighted Mean Occurrence	**N/A**	
Occurrence RSD	N/A	%
Mean Weight Factor	N/A	
EPA Data		
Weighted Mean Toxicity	**9.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	1	
Weighted Mean Occurrence	**N/A**	
Occurrence RSD	N/A	%
Mean Weight Factor	N/A	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Supplemental RfD-like Value (Supplemental) [plotted]	0.0005	mg/(kg*d)	9.00	5	2.00

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

* Normalization binning according to EPA method

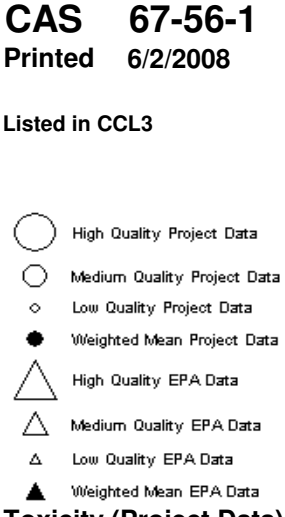
DRAFT

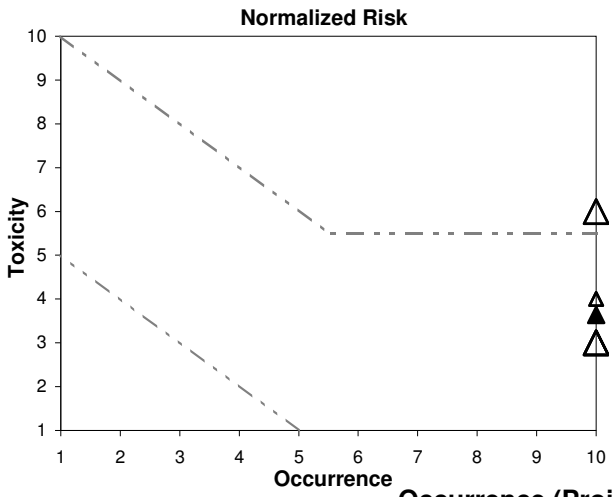
Methanol

CAS 67-56-1

Printed 6/2/2008

Listed in CCL3





Project Data

Weighted Mean Toxicity	**N/A**	
Toxicity RSD	N/A	%
Mean Weight Factor	N/A	
Weighted Mean Occurrence	**N/A**	
Occurrence RSD	N/A	%
Mean Weight Factor	N/A	

EPA Data

Weighted Mean Toxicity	**3.64**	
Toxicity RSD	35.36	%
Mean Weight Factor	0.6875	
Weighted Mean Occurrence	**10.00**	
Occurrence RSD	0.00	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (EPA IRIS (ITER)) [plotted]	0.5	mg/(kg*d)	3.00	33	2.00
RfD (RAISHE) [plotted]	0.5	mg/(kg*d)	3.00	41	2.00
Lowest Oral Chronic LOAEL (RTECS) [plotted]	3.13	mg/(kg*d)	6.00	50	1.33
Lowest Oral LD50 (RTECS) [plotted]	5600	mg/(kg*d)	4.00	21	1.25

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Surface Water Release (TRI) [plotted]	1E+07	lbs/year	10.00	57	1.33
Total Release (TRI) [plotted]	2E+08	lbs/year	10.00	57	1.33

* Normalization binning according to EPA method

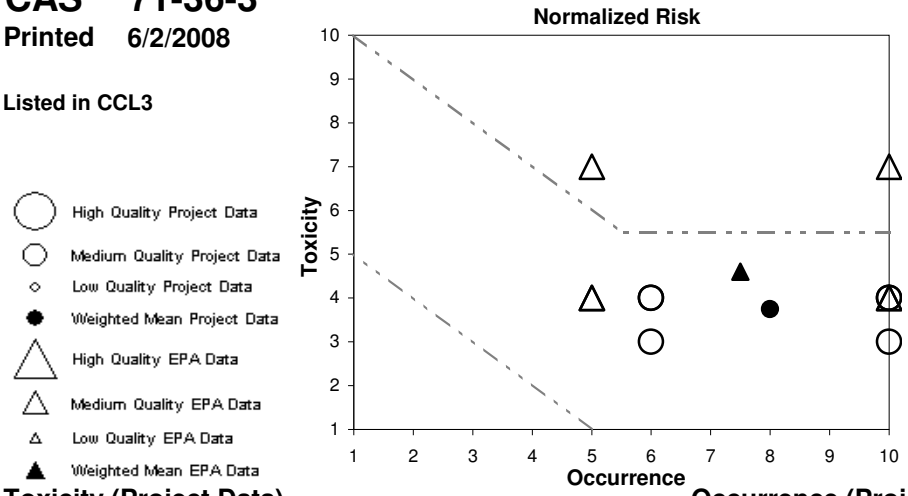
DRAFT

n-Butanol

CAS 71-36-3

Printed 6/2/2008

Listed in CCL3



Project Data

Weighted Mean Toxicity	**3.75**	
Toxicity RSD	15.746	%
Mean Weight Factor	0.67	
Weighted Mean Occurrence	**8.00**	
Occurrence RSD	35.36	%
Mean Weight Factor	0.5	

EPA Data

Weighted Mean Toxicity	**4.60**	
Toxicity RSD	34.64	%
Mean Weight Factor	0.8333	
Weighted Mean Occurrence	**7.50**	
Occurrence RSD	47.14	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
EPA RfD (IRIS) [plotted]	0.1	mg/kg/d	4.00	1	2.00
NOAEL (IRIS) [plotted]	125	mg/kg/d	4.00	2	1.50
LOAEL (IRIS) [plotted]	500	mg/kg/d	3.00	3	1.33

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
On.site Surface Water Discharges (TRI) [plotted]	54314	lbs	6.00	3	1.33
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	2E+07	lbs	10.00	3	1.33

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (EPA IRIS (ITER)) [plotted]	0.1	mg/(kg*d)	4.00	33	2.00
RfD (RAISHE) [plotted]	0.1	mg/(kg*d)	4.00	41	2.00
Lowest Oral Chronic LOAEL (RTECS) [plotted]	0.2	mg/(kg*d)	7.00	50	1.33

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Surface Water Release (TRI) [plotted]	22011	lbs/year	5.00	57	1.33
Total Release (TRI) [plotted]	2E+07	lbs/year	10.00	57	1.33

* Normalization binning according to EPA method

DRAFT

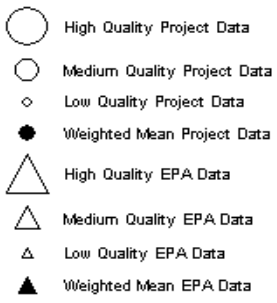
DRAFT

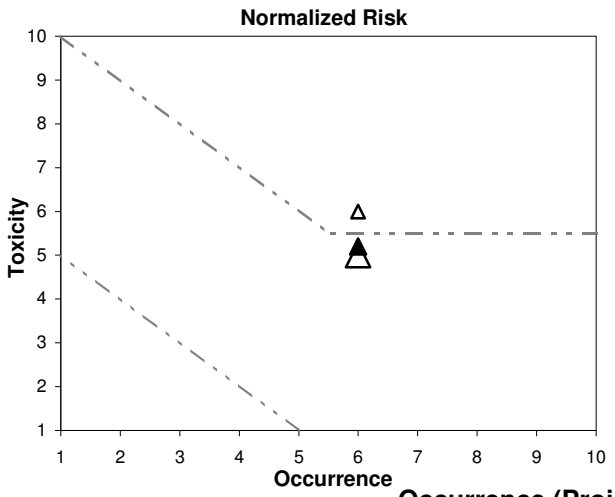
Bensulide

CAS 741-58-2

Printed 6/2/2008

Listed in CCL3





Project Data		
Weighted Mean Toxicity	**N/A**	
Toxicity RSD	N/A	%
Mean Weight Factor	N/A	
Weighted Mean Occurrence	**N/A**	
Occurrence RSD	N/A	%
Mean Weight Factor	N/A	
EPA Data		
Weighted Mean Toxicity	**5.20**	
Toxicity RSD	12.86	%
Mean Weight Factor	0.625	
Weighted Mean Occurrence	**6.00**	
Occurrence RSD	N/A	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (EPA OPP) [plotted]	0.005	mg/(kg*d)	5.00	22	2.00
Lowest Oral LD50 (RTECS) [plotted]	271	mg/(kg*d)	6.00	21	1.25

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Total Pesticide Application (NCFAP) [plotted]	545406	lbs/year	6.00	31	1.33

* Normalization binning according to EPA method

DRAFT

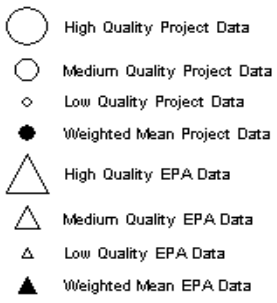
DRAFT

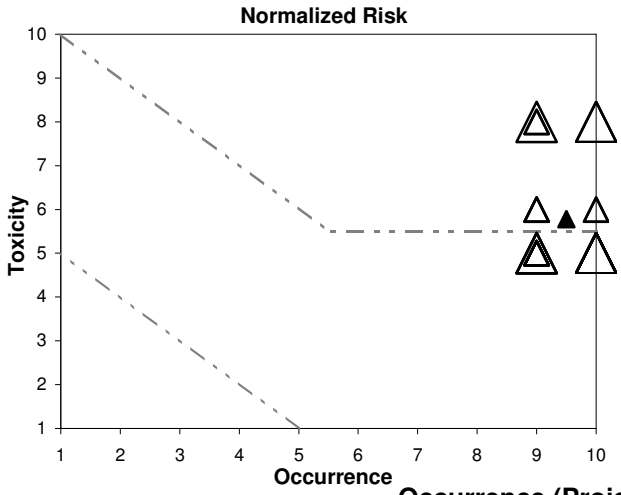
Molybdenum

CAS 7439-98-7

Printed 6/2/2008

Listed in CCL3





Project Data		
Weighted Mean Toxicity	**N/A**	
Toxicity RSD	N/A	%
Mean Weight Factor	N/A	
Weighted Mean Occurrence	**N/A**	
Occurrence RSD	N/A	%
Mean Weight Factor	N/A	
EPA Data		
Weighted Mean Toxicity	**5.78**	
Toxicity RSD	22.48	%
Mean Weight Factor	0.9	
Weighted Mean Occurrence	**9.50**	
Occurrence RSD	5.83	%
Mean Weight Factor	0.80	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (EPA IRIS (ITER)) [plotted]	0.005	mg/(kg*d)	5.00	33	2.00
RfD (EPA HA) [plotted]	0.005	mg/(kg*d)	5.00	16	2.00
RfD (RAISHE) [plotted]	0.005	mg/(kg*d)	5.00	41	2.00
Supplemental RfD-like Value (Supplemental) [plotted]	0.03	mg/(kg*d)	8.00	5	2.00
Lowest Oral Chronic LOAEL (RTECS) [plotted]	0.5	mg/(kg*d)	6.00	50	1.33

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection in Finished Water (NIRS) [plotted]	7.79	µg/L	9.00	5	2.00
Max Concentration in Finished Water (NIRS) [plotted]	180	µg/L	10.00	5	2.00
99th Percentile Concentration in Finished Water (NIRS) [plotted]	110	µg/L	10.00	5	2.00
Median Concentration in Finished Water (NIRS) [plotted]	10	µg/L	9.00	5	1.33
90th Percentile Concentration in Finished Water (NIRS) [plotted]	30	µg/L	9.00	5	1.33

* Normalization binning according to EPA method

DRAFT

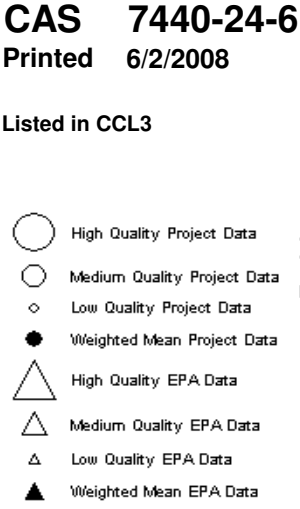
DRAFT

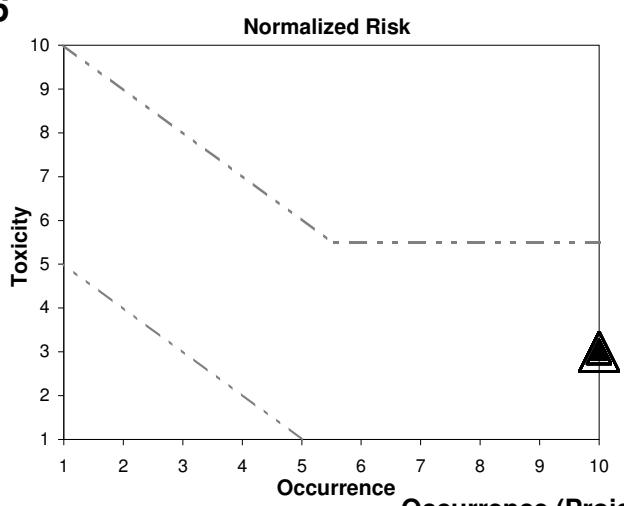
Strontium

CAS 7440-24-6

Printed 6/2/2008

Listed in CCL3





Project Data		
Weighted Mean Toxicity	**N/A**	
Toxicity RSD	N/A	%
Mean Weight Factor	N/A	
Weighted Mean Occurrence	**N/A**	
Occurrence RSD	N/A	%
Mean Weight Factor	N/A	
EPA Data		
Weighted Mean Toxicity	**3.00**	
Toxicity RSD	0.00	%
Mean Weight Factor	1	
Weighted Mean Occurrence	**10.00**	
Occurrence RSD	0.00	%
Mean Weight Factor	0.80	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (EPA IRIS (ITER)) [plotted]	0.6	mg/(kg*d)	3.00	33	2.00
RfD (EPA HA) [plotted]	0.6	mg/(kg*d)	3.00	16	2.00
RfD (RAISHE) [plotted]	0.6	mg/(kg*d)	3.00	41	2.00
Minimum Risk Level (ATSDR (ITER)) [plotted]	2	mg/(kg*d)	3.00	17	2.00

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection in Finished Water (NIRS) [plotted]	99.1	µg/L	10.00	5	2.00
Max Concentration in Finished Water (NIRS) [plotted]	43550	µg/L	10.00	5	2.00
99th Percentile Concentration in Finished Water (NIRS) [plotted]	7340	µg/L	10.00	5	2.00
Median Concentration in Finished Water (NIRS) [plotted]	180	µg/L	10.00	5	1.33
90th Percentile Concentration in Finished Water (NIRS) [plotted]	1080	µg/L	10.00	5	1.33

* Normalization binning according to EPA method

DRAFT

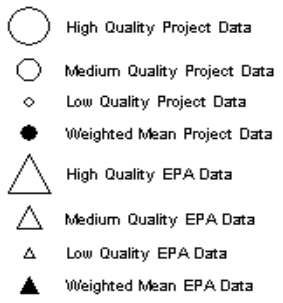
DRAFT

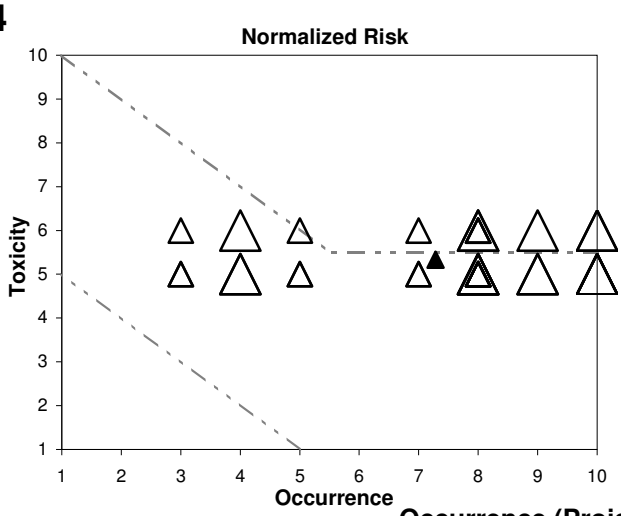
Cobalt

CAS 7440-48-4

Printed 6/2/2008

Listed in CCL3





Project Data		
Weighted Mean Toxicity	**N/A**	
Toxicity RSD	N/A	%
Mean Weight Factor	N/A	
Weighted Mean Occurrence	**6.92**	
Occurrence RSD	38.28	%
Mean Weight Factor	0.4643	
EPA Data		
Weighted Mean Toxicity	**5.33**	
Toxicity RSD	10.83	%
Mean Weight Factor	1	
Weighted Mean Occurrence	**7.29**	
Occurrence RSD	30.40	%
Mean Weight Factor	0.58	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Cal. Prop. 65 MADL or NSRL (CA OEHHA)	1	boolean	2.00	1	2.00

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
River Median Concentration (Krasner) [plotted]	1	ng/L	7.00	2	1.50
River Maximum Concentration (Krasner) [plotted]	1.8418	ng/L	6.00	2	1.50
DWTP Median Concentration (Krasner) [plotted]	3	ng/L	7.00	2	1.50
DWTP Maximum Concentration (Krasner) [plotted]	684	ng/L	10.00	2	1.50
On.site Surface Water Discharges (TRI) [plotted]	819.23	lbs	2.00	3	1.33
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	834790	lbs	8.00	3	1.33
Grazing Rangeland Surface Water Frequency (Kolodziej) [plotted]	10.9	%	10.00	2	1.17

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (RAISHE) [plotted]	0.02	mg/(kg*d)	5.00	41	2.00
Minimum Risk Level (ATSDR (ITER)) [plotted]	0.01	mg/(kg*d)	5.00	17	2.00
Tolerable Daily Intake (ITER) [plotted]	0.0014	mg/(kg*d)	6.00	5	2.00

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection in Finished Water (NIRS) [plotted]	0.303	µg/L	4.00	5	2.00
Max Concentration in Finished Water (NIRS) [plotted]	10.6	µg/L	8.00	5	2.00
99th Percentile Concentration in Finished Water (NIRS) [plotted]	10.6	µg/L	8.00	5	2.00
Frequency Detection in Ambient Water (NAWQA) [plotted]	23.7	µg/L	10.00	24	1.50
Max Concentration in Ambient Water (NAWQA) [plotted]	684	µg/L	10.00	24	1.50
99th Percentile Concentration in Ambient Water (NAWQA) [plotted]	53.2	µg/L	9.00	24	1.50
Median Concentration in Finished Water (NIRS) [plotted]	9.7	µg/L	8.00	5	1.33
90th Percentile Concentration in Finished Water (NIRS) [plotted]	10.5	µg/L	8.00	5	1.33
Surface Water Release (TRI) [plotted]	1272	lbs/year	3.00	57	1.33
Total Release (TRI) [plotted]	786491	lbs/year	8.00	57	1.33
Median Concentration in Ambient Water (NAWQA) [plotted]	0.22	µg/L	5.00	24	1.25
90th Percentile Concentration in Ambient Water (NAWQA) [plotted]	3.91	µg/L	7.00	23	1.25

* Normalization binning according to EPA method

DRAFT

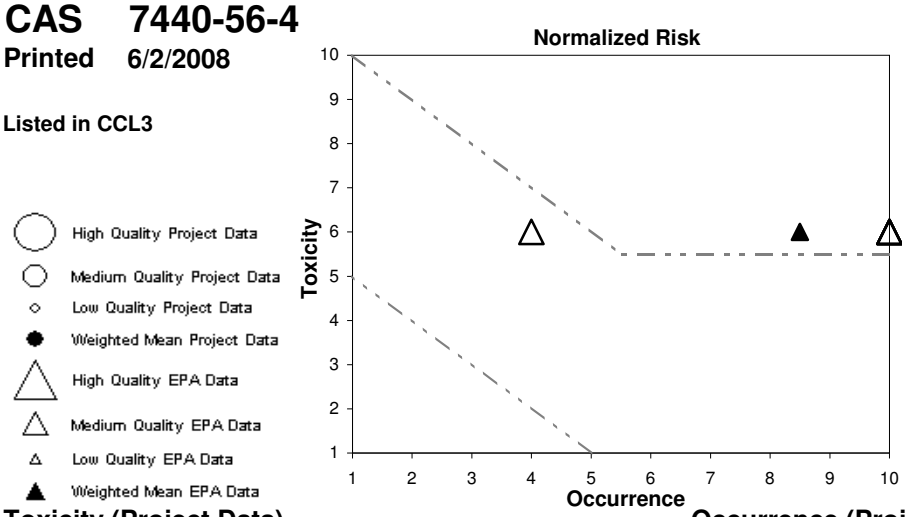
DRAFT

Germanium

CAS 7440-56-4

Printed 6/2/2008

Listed in CCL3



Project Data		
Weighted Mean Toxicity	**N/A**	
Toxicity RSD	N/A	%
Mean Weight Factor	N/A	
Weighted Mean Occurrence	**N/A**	
Occurrence RSD	N/A	%
Mean Weight Factor	N/A	
EPA Data		
Weighted Mean Toxicity	**6.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	0.5	
Weighted Mean Occurrence	**8.50**	
Occurrence RSD	30.49	%
Mean Weight Factor	0.80	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Lowest Oral Chronic LOAEL (RTECS) [plotted]	0.318	mg/(kg*d)	6.00	50	1.33

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection in Round 2 Finished Water (NCOD) [plotted]	0.4	µg/L	4.00	12	2.00
Max Concentration in Round 2 Finished Water (NCOD) [plotted]	230	µg/L	10.00	12	2.00
99th Percentile Concentration in Round 2 Finished Water (NCOD) [plotted]	230	µg/L	10.00	12	2.00
Median Concentration in Round 2 Finished Water (NCOD) [plotted]	220	µg/L	10.00	12	1.33
90th Percentile Concentration in Round 2 Finished Water (NCOD) [plotted]	220	µg/L	10.00	1	1.33

* Normalization binning according to EPA method

DRAFT

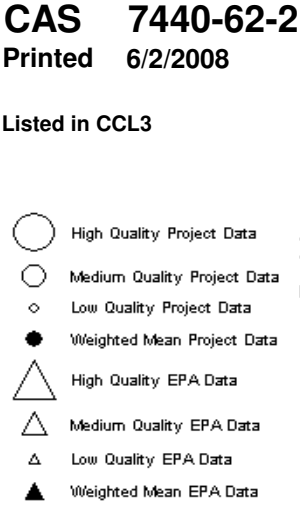
DRAFT

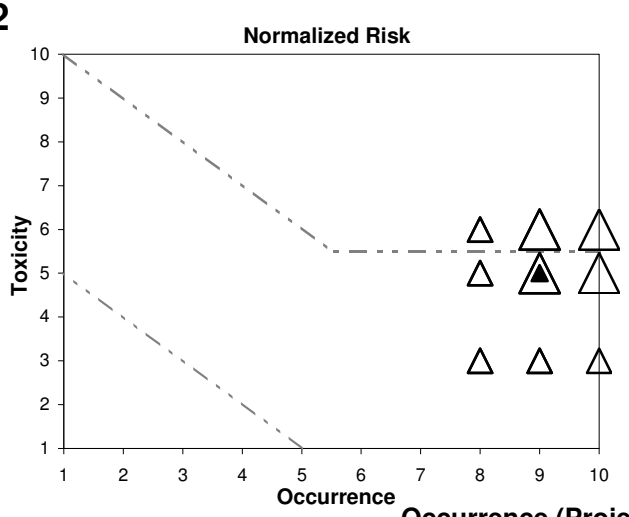
Vanadium

CAS 7440-62-2

Printed 6/2/2008

Listed in CCL3





Project Data		
Weighted Mean Toxicity	**N/A**	
Toxicity RSD	N/A	%
Mean Weight Factor	N/A	
Weighted Mean Occurrence	**N/A**	
Occurrence RSD	N/A	%
Mean Weight Factor	N/A	
EPA Data		
Weighted Mean Toxicity	**5.00**	
Toxicity RSD	32.73	%
Mean Weight Factor	0.8333	
Weighted Mean Occurrence	**9.00**	
Occurrence RSD	9.51	%
Mean Weight Factor	0.80	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (RAISHE) [plotted]	0.007	mg/(kg*d)	5.00	41	2.00
Minimum Risk Level (ATSDR (ITER)) [plotted]	0.003	mg/(kg*d)	6.00	17	2.00
Lowest Oral Chronic LOAEL (RTECS) [plotted]	960	mg/(kg*d)	3.00	50	1.33

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection in Finished Water (NIRS) [plotted]	14.76	µg/L	10.00	5	2.00
Max Concentration in Finished Water (NIRS) [plotted]	70.4	µg/L	9.00	5	2.00
99th Percentile Concentration in Finished Water (NIRS) [plotted]	45	µg/L	9.00	5	2.00
Median Concentration in Finished Water (NIRS) [plotted]	7.3	µg/L	8.00	5	1.33
90th Percentile Concentration in Finished Water (NIRS) [plotted]	23	µg/L	8.00	5	1.33

* Normalization binning according to EPA method

DRAFT

DRAFT

Methyl bromide

CAS 74-83-9

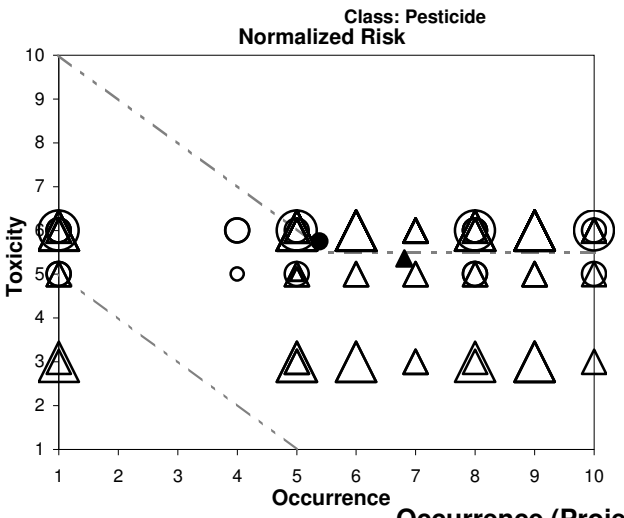
Printed 6/2/2008

Listed in CCL3

Listed in CCL2

Listed in CCL1

High Quality Project Data
Medium Quality Project Data
Low Quality Project Data
Weighted Mean Project Data
High Quality EPA Data
Medium Quality EPA Data
Low Quality EPA Data
Weighted Mean EPA Data



Project Data

Weighted Mean Toxicity	**5.75**	
Toxicity RSD	10.189	%
Mean Weight Factor	0.67	
Weighted Mean Occurrence	**5.38**	
Occurrence RSD	67.08	%
Mean Weight Factor	0.4643	

EPA Data

Weighted Mean Toxicity	**5.36**	
Toxicity RSD	22.71	%
Mean Weight Factor	0.9167	
Weighted Mean Occurrence	**6.81**	
Occurrence RSD	42.00	%
Mean Weight Factor	0.66	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
EPA RfD (IRIS) [plotted]	0.0014	mg/kg/d	6.00	1	2.00
Cal. Prop. 65 MADL or NSRL (CA OEHHA)	1	boolean	2.00	1	2.00
NOAEL (IRIS)	1.4	mg/kg/d	6.00	2	1.50
LOAEL (IRIS)	7.1	mg/kg/d	5.00	3	1.33

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection in Aquifer Samples (USGS) [plotted]	0.016	%	1.00	2	1.50
Frequency Detection with Stream Samples (NAWQA) [plotted]	11.3	%	10.00	2	1.50
95th Percentile Concentration in Stream (NAWQA) [plotted]	0.33	µg/L	5.00	2	1.50
Max Concentration in Stream (NAWQA) [plotted]	26	µg/L	8.00	2	1.50
On.site Surface Water Discharges (TRI) [plotted]	44	lbs	1.00	3	1.33
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	433555	lbs	8.00	3	1.33
90th Percentile Concentration in Stream (NAWQA) [plotted]	0.26	µg/L	4.00	4	1.25

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (EPA IRIS (ITER)) [plotted]	0.0014	mg/(kg*d)	6.00	33	2.00
RfD (EPA HA) [plotted]	0.001	mg/(kg*d)	6.00	16	2.00
RfD (RAISHE) [plotted]	0.0014	mg/(kg*d)	6.00	41	2.00
Minimum Risk Level (ATSDR (ITER)) [plotted]	0.003	mg/(kg*d)	6.00	17	2.00
Max Acceptable Daily Intake (JMPR) [plotted]	1	mg/(kg*d)	3.00	23	2.00
Lowest Oral Chronic LOAEL (RTECS) [plotted]	29.9	mg/(kg*d)	5.00	50	1.33

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection in Round 1 Finished Water (NCOD) [plotted]	0.77	µg/L	6.00	7	2.00
Max Concentration in Round 1 Finished Water (NCOD) [plotted]	43	µg/L	9.00	7	2.00
99th Percentile Concentration in Round 1 Finished Water (NCOD) [plotted]	34	µg/L	9.00	7	2.00
Frequency Detection in Round 2 Finished Water (NCOD) [plotted]	0.75	µg/L	6.00	12	2.00
Max Concentration in Round 2 Finished Water (NCOD) [plotted]	38.1	µg/L	9.00	12	2.00
99th Percentile Concentration in Round 2 Finished Water (NCOD) [plotted]	27.2	µg/L	8.00	12	2.00
Frequency Detection in Ambient Water (NAWQA) [plotted]	0.069	µg/L	1.00	24	1.50
Max Concentration in Ambient Water (NAWQA) [plotted]	0.5	µg/L	5.00	24	1.50
99th Percentile Concentration in Ambient Water (NAWQA) [plotted]	0.5	µg/L	5.00	24	1.50
Median Concentration in Round 1 Finished Water (NCOD) [plotted]	1	µg/L	7.00	7	1.33
Median Concentration in Round 2 Finished Water (NCOD) [plotted]	1.6	µg/L	7.00	12	1.33
Total Pesticide Application (NCFAP) [plotted]	3E+07	lbs/year	10.00	31	1.33
Surface Water Release (TRI) [plotted]	200	lbs/year	1.00	57	1.33
Total Release (TRI) [plotted]	533748	lbs/year	8.00	57	1.33

DRAFT

DRAFT

Methyl bromide Toxicity Cont. (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Methyl Bromide Occurrence Cont. (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Median Concentration in Ambient Water (NAWQA) [plotted]	0.1	µg/L	5.00	24	1.25
90th Percentile Concentration in Ambient Water (NAWQA) [plotted]	0.5	µg/L	5.00	23	1.25

* Normalization binning according to EPA method

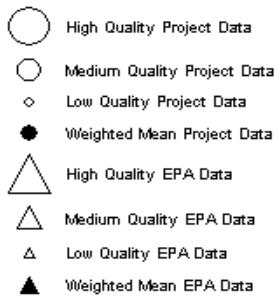
DRAFT

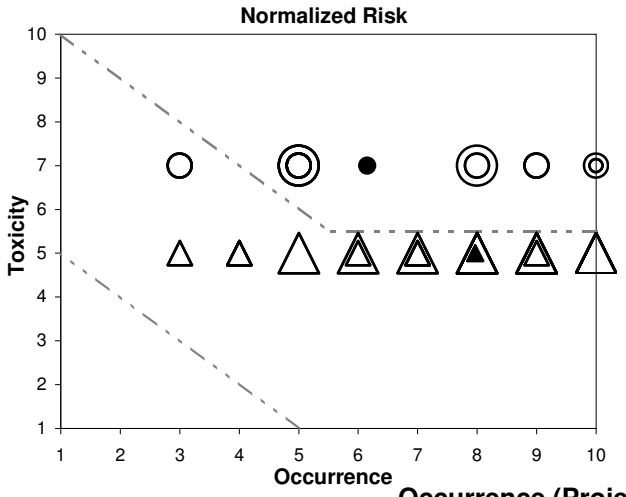
DRAFT

Methyl chloride

CAS 74-87-3
Printed 6/2/2008

Listed in CCL3





Project Data

Weighted Mean Toxicity	**7.00**	
Toxicity RSD	0	%
Mean Weight Factor	0.67	
Weighted Mean Occurrence	**6.15**	
Occurrence RSD	40.02	%
Mean Weight Factor	0.4643	

EPA Data

Weighted Mean Toxicity	**5.00**	
Toxicity RSD	0.00	%
Mean Weight Factor	1	
Weighted Mean Occurrence	**7.96**	
Occurrence RSD	29.37	%
Mean Weight Factor	0.70	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normalized*	n	Data Score
EPA RfD (IRIS) [plotted]	9E-05	mg/kg/d	7.00	1	2.00
Cal. Prop. 65 MADL or NSRL (CA OEHHA)	1	boolean	2.00	1	2.00
NOAEL (IRIS) [plotted]	0.0949	mg/kg/d	7.00	2	1.50
LOAEL (IRIS)	0.1898	mg/kg/d	7.00	3	1.33

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normalized*	n	Data Score
River Median Concentration (Krasner) [plotted]	0.25	ng/L	5.00	2	1.50
River Maximum Concentration (Krasner) [plotted]	0.4	ng/L	5.00	2	1.50
DWTP Median Concentration (Krasner) [plotted]	0.5	ng/L	5.00	2	1.50
DWTP Maximum Concentration (Krasner) [plotted]	21	ng/L	8.00	2	1.50
On.site Surface Water Discharges (TRI) [plotted]	1110.2	lbs	3.00	3	1.33
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	2E+06	lbs	9.00	3	1.33
Grazing Rangeland Surface Water Frequency (Kolodziej) [plotted]	11.8	%	10.00	2	1.17

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normalized*	n	Data Score
RfD (EPA HA) [plotted]	0.004	mg/(kg*d)	5.00	16	2.00
Cancer Slope Factor (RAISHE) [plotted]	0.013	(mg/(kg*d))-1	5.00	24	2.00

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normalized*	n	Data Score
Frequency Detection in Round 1 Finished Water (NCOD) [plotted]	1.23	µg/L	7.00	7	2.00
Max Concentration in Round 1 Finished Water (NCOD) [plotted]	550	µg/L	10.00	7	2.00
99th Percentile Concentration in Round 1 Finished Water (NCOD) [plotted]	120	µg/L	10.00	7	2.00
Frequency Detection in Round 2 Finished Water (NCOD) [plotted]	2.25	µg/L	8.00	12	2.00
Max Concentration in Round 2 Finished Water (NCOD) [plotted]	312	µg/L	10.00	12	2.00
99th Percentile Concentration in Round 2 Finished Water (NCOD) [plotted]	29	µg/L	8.00	12	2.00
Frequency Detection (CAL DHS) [plotted]	2.1	%	10.00	14	2.00
Max Detect Value (CAL DHS) [plotted]	46	µg/L	9.00	9	2.00
99th Percentile Detect Value (CAL DHS) [plotted]	2	µg/L	6.00	5	2.00
Frequency Detection in Ambient Water (NAWQA) [plotted]	8.99	µg/L	9.00	24	1.50
Max Concentration in Ambient Water (NAWQA) [plotted]	21	µg/L	8.00	24	1.50
99th Percentile Concentration in Ambient Water (NAWQA) [plotted]	0.58	µg/L	5.00	24	1.50
Percent Detection (Krassner, et al.) [plotted]	8	%	9.00	1	1.50
Median Concentration in Round 1 Finished Water (NCOD) [plotted]	1.9	µg/L	7.00	7	1.33

DRAFT

DRAFT

Methyl chloride Toxicity Cont.(EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Methyl chloride Occurrence Cont. (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Median Concentration in Round 2 Finished Water (NCOD) [plotted]	1.4	µg/L	7.00	12	1.33
Surface Water Release (TRI) [plotted]	1539	lbs/year	3.00	57	1.33
Total Release (TRI) [plotted]	2E+06	lbs/year	9.00	57	1.33
Median Detect Value (CAL DHS) [plotted]	0.7	µg/L	6.00	9	1.33
Median Concentration in Ambient Water (NAWQA) [plotted]	0.04	µg/L	4.00	24	1.25
90th Percentile Concentration in Ambient Water (NAWQA) [plotted]	0.1	µg/L	4.00	23	1.25

* Normalization binning according to EPA method

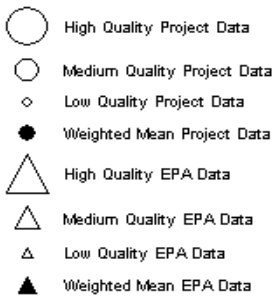
DRAFT

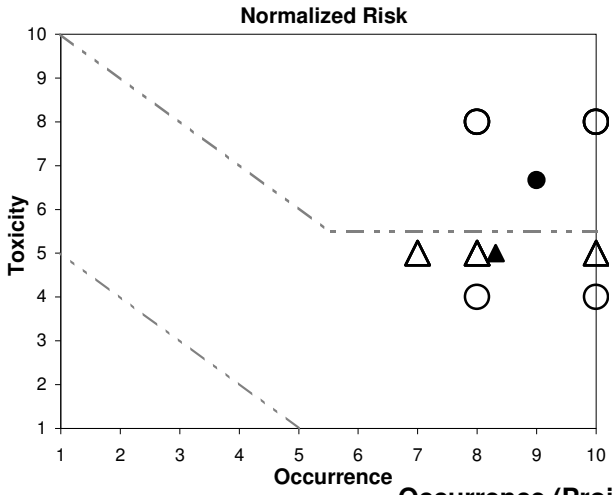
DRAFT

Acetaldehyde

CAS 75-07-0
Printed 6/2/2008

Listed in CCL3





Project Data

Weighted Mean Toxicity	**6.67**	
Toxicity RSD	28.571	%
Mean Weight Factor	0.75	
Weighted Mean Occurrence	**9.00**	
Occurrence RSD	15.71	%
Mean Weight Factor	0.5	

EPA Data

Weighted Mean Toxicity	**5.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	0.5	
Weighted Mean Occurrence	**8.31**	
Occurrence RSD	15.08	%
Mean Weight Factor	0.80	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
EPA RfD (IRIS) [plotted]	9E-06	mg/kg/d	8.00	1	2.00
Oral Slope Factor (CA OEHHA) [plotted]	0.01	mg/kg/d	4.00	1	2.00
Cal. Prop. 65 MADL or NSRL (CA OEHHA)	1	boolean	2.00	1	2.00
NOAEL (IRIS) [plotted]	0.0087	mg/kg/d	8.00	2	1.50
LOAEL (IRIS)	0.017	mg/kg/d	8.00	3	1.33

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
On.site Surface Water Discharges (TRI) [plotted]	352526	lbs	8.00	3	1.33
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	1E+07	lbs	10.00	3	1.33

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Lowest Oral Chronic LOAEL (RTECS) [plotted]	10	mg/(kg*d)	5.00	50	1.33

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection (CAL DHS) [plotted]	37.5	%	10.00	14	2.00
Max Detect Value (CAL DHS) [plotted]	24	µg/L	8.00	9	2.00
99th Percentile Detect Value (CAL DHS) [plotted]	4	µg/L	7.00	5	2.00
Frequency Detection (DBP ICR) [plotted]	11.44	%	10.00	2	2.00
Max Detect Value (DBP ICR) [plotted]	18.3	µg/L	8.00	2	2.00
99th Percentile Detect Value (DBP ICR) [plotted]	8.04	µg/L	7.00	2	2.00
Surface Water Release (TRI) [plotted]	370815	lbs/year	8.00	57	1.33
Total Release (TRI) [plotted]	1E+07	lbs/year	10.00	57	1.33
Median Detect Value (CAL DHS) [plotted]	2	µg/L	7.00	9	1.33
Median Detect Value (DBP ICR) [plotted]	7.4	µg/L	8.00	2	1.33

* Normalization binning according to EPA method

DRAFT

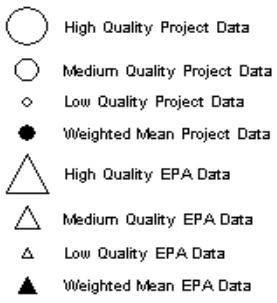
DRAFT

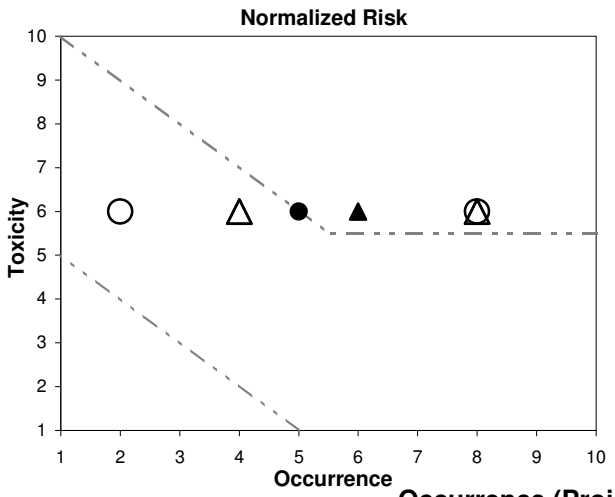
Ethylene oxide

CAS 75-21-8

Printed 6/2/2008

Listed in CCL3





Project Data

Weighted Mean Toxicity	**6.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	1.00	
Weighted Mean Occurrence	**5.00**	
Occurrence RSD	84.85	%
Mean Weight Factor	0.5	

EPA Data

Weighted Mean Toxicity	**6.00**	
Toxicity RSD	0.00	%
Mean Weight Factor	1	
Weighted Mean Occurrence	**6.00**	
Occurrence RSD	47.14	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Oral Slope Factor (CA OEHHA) [plotted]	0.31	mg/kg/d	6.00	1	2.00
Cal. Prop. 65 MADL or NSRL (CA OEHHA)	1	boolean	2.00	1	2.00

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
On.site Surface Water Discharges (TRI) [plotted]	344	lbs	2.00	3	1.33
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	339032	lbs	8.00	3	1.33

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Cancer Slope Factor (RAISHE) [plotted]	1.02	(mg/(kg*d))-1	6.00	24	2.00
Cancer Slope Factor (OEHHA) [plotted]	0.31	(mg/(kg*d))-1	6.00	24	2.00

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Surface Water Release (TRI) [plotted]	4761	lbs/year	4.00	57	1.33
Total Release (TRI) [plotted]	374110	lbs/year	8.00	57	1.33

* Normalization binning according to EPA method

DRAFT

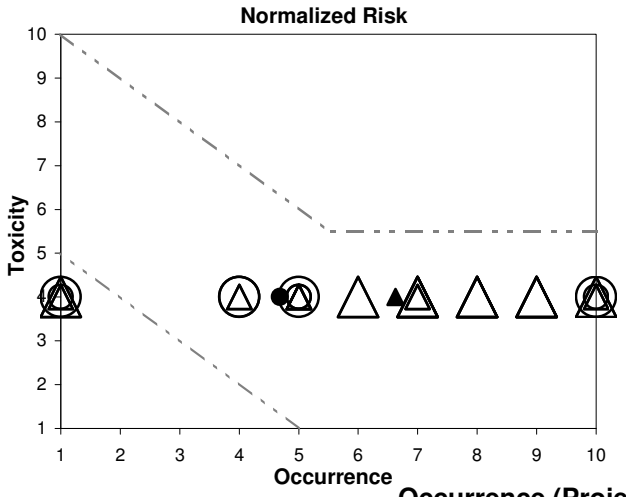
DRAFT

1,1-Dichloroethane

CAS 75-34-3
Printed 6/2/2008

Listed in CCL3
Listed in CCL2
Listed in CCL1

High Quality Project Data
Medium Quality Project Data
Low Quality Project Data
Weighted Mean Project Data
High Quality EPA Data
Medium Quality EPA Data
Low Quality EPA Data
Weighted Mean EPA Data



Project Data		
Weighted Mean Toxicity	**4.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	1.00	
Weighted Mean Occurrence	**4.69**	
Occurrence RSD	64.81	%
Mean Weight Factor	0.4444	

EPA Data		
Weighted Mean Toxicity	**4.00**	
Toxicity RSD	0.00	%
Mean Weight Factor	1	
Weighted Mean Occurrence	**6.63**	
Occurrence RSD	44.08	%
Mean Weight Factor	0.67	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Oral Slope Factor (CA OEHHA) [plotted]	0.0057	mg/kg/d	4.00	1	2.00
Cal. Prop. 65 MADL or NSRL (CA OEHHA)	1	boolean	2.00	1	2.00

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection in Aquifer Samples (USGS) [plotted]	0.0024	%	1.00	2	1.50
River Median Concentration (Krasner) [plotted]	0.2	ng/L	5.00	2	1.50
River Maximum Concentration (Krasner) [plotted]	0.2	ng/L	4.00	2	1.50
DWTP Median Concentration (Krasner) [plotted]	0.2	ng/L	4.00	2	1.50
DWTP Maximum Concentration (Krasner) [plotted]	100	ng/L	10.00	2	1.50
On.site Surface Water Discharges (TRI) [plotted]	65	lbs	1.00	3	1.33
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	10417	lbs	5.00	3	1.33
Median detection in Aquifer Study (< given) (USGS) [plotted]	0.2	µg/L	5.00	4	1.25
Grazing Rangeland Surface Water Frequency (Kolodziej) [plotted]	12	%	10.00	2	1.17

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (RAISHE) [plotted]	0.1	mg/(kg*d)	4.00	41	2.00
Cancer Slope Factor (OEHHA) [plotted]	0.0057	(mg/(kg*d))-1	4.00	24	2.00

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection in Round 1 Finished Water (NCOD) [plotted]	1.14	µg/L	7.00	7	2.00
Max Concentration in Round 1 Finished Water (NCOD) [plotted]	500	µg/L	10.00	7	2.00
99th Percentile Concentration in Round 1 Finished Water (NCOD) [plotted]	27	µg/L	8.00	7	2.00
Frequency Detection in Round 2 Finished Water (NCOD) [plotted]	0.74	µg/L	6.00	12	2.00
Max Concentration in Round 2 Finished Water (NCOD) [plotted]	0.0013	µg/L	1.00	12	2.00
99th Percentile Concentration in Round 2 Finished Water (NCOD) [plotted]	25	µg/L	8.00	12	2.00
Frequency Detection in Ambient Water (NAWQA) [plotted]	3.103	µg/L	9.00	24	1.50
Max Concentration in Ambient Water (NAWQA) [plotted]	39	µg/L	9.00	24	1.50
99th Percentile Concentration in Ambient Water (NAWQA) [plotted]	5.6	µg/L	7.00	23	1.50
Median Concentration in Round 1 Finished Water (NCOD) [plotted]	1.2	µg/L	7.00	7	1.33
Median Concentration in Round 2 Finished Water (NCOD) [plotted]	160	µg/L	10.00	12	1.33
Surface Water Release (TRI) [plotted]	63	lbs/year	1.00	57	1.33

DRAFT

DRAFT

1,1-Dichloroethane Occurrence Cont. (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Total Release (TRI) [plotted]	17368	lbs/year	5.00	57	1.33
Median Concentration in Ambient Water (NAWQA) [plotted]	0.05	µg/L	4.00	23	1.25
90th Percentile Concentration in Ambient Water (NAWQA) [plotted]	0.316	µg/L	5.00	22	1.25

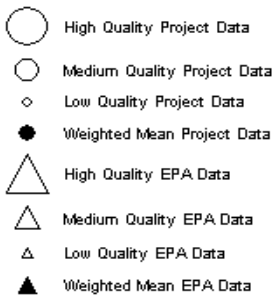
* Normalization binning according to EPA method

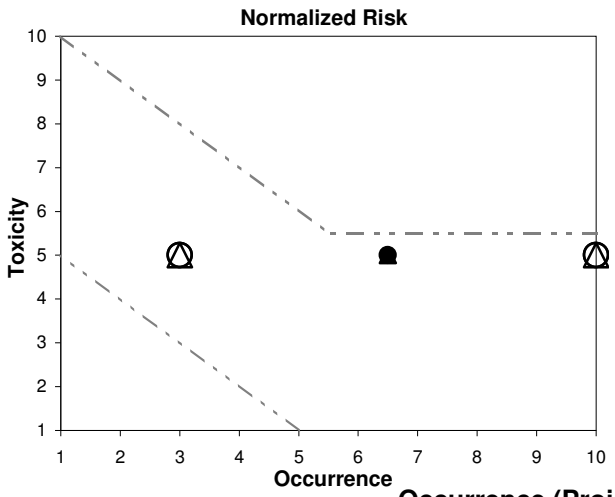
DRAFT

Chlorodifluoromethane

Chloro 75-45-6
Printed 6/2/2008

Listed in CCL3





Project Data		
Weighted Mean Toxicity	**5.00**	
Toxicity RSD	0	%
Mean Weight Factor	0.50	
Weighted Mean Occurrence	**6.50**	
Occurrence RSD	76.15	%
Mean Weight Factor	0.5	

EPA Data		
Weighted Mean Toxicity	**5.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	0.5	
Weighted Mean Occurrence	**6.50**	
Occurrence RSD	76.15	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
NOAEL (IRIS) [plotted]	5.2758	mg/kg/d	5.00	2	1.50
LOAEL (IRIS) [plotted]	26.379	mg/kg/d	5.00	3	1.33

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
On.site Surface Water Discharges (TRI) [plotted]	2793	lbs	3.00	3	1.33
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	7E+06	lbs	10.00	3	1.33

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Lowest Oral Chronic LOAEL (RTECS) [plotted]	13.5	mg/(kg*d)	5.00	50	1.33

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Surface Water Release (TRI) [plotted]	2972	lbs/year	3.00	57	1.33
Total Release (TRI) [plotted]	7E+06	lbs/year	10.00	57	1.33

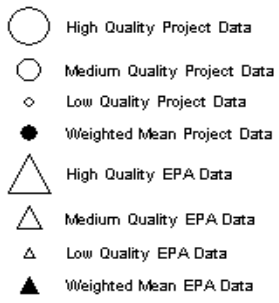
* Normalization binning according to EPA method

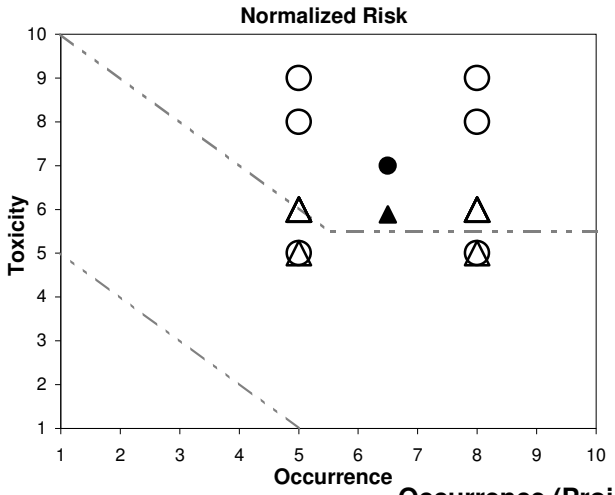
DRAFT

Methyloxirane

CAS 75-56-9
Printed 6/2/2008

Listed in CCL3





Project Data

Weighted Mean Toxicity	**7.00**	
Toxicity RSD	28.386	%
Mean Weight Factor	0.83	
Weighted Mean Occurrence	**6.50**	
Occurrence RSD	32.64	%
Mean Weight Factor	0.5	

EPA Data

Weighted Mean Toxicity	**5.89**	
Toxicity RSD	7.71	%
Mean Weight Factor	0.9	
Weighted Mean Occurrence	**6.50**	
Occurrence RSD	32.64	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
EPA RfD (IRIS) [plotted]	3E-05	mg/kg/d	8.00	1	2.00
Oral Slope Factor (CA OEHHA) [plotted]	0.013	mg/kg/d	5.00	1	2.00
Cal. Prop. 65 MADL or NSRL (CA OEHHA)	1	boolean	2.00	1	2.00
LOAEL (IRIS)	0.0029	mg/kg/d	9.00	3	1.33

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
On.site Surface Water Discharges (TRI) [plotted]	20795	lbs	5.00	3	1.33
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	432709	lbs	8.00	3	1.33

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (EPA OPP) [plotted]	0.001	mg/(kg*d)	6.00	22	2.00
Cancer Slope Factor (RAISHE) [plotted]	0.24	(mg/(kg*d))-1	6.00	24	2.00
Cancer Slope Factor (OEHHA) [plotted]	0.24	(mg/(kg*d))-1	6.00	24	2.00
Slope Factor (OPP) [plotted]	0.15	(mg/(kg*d))-1	6.00	3	2.00
Lowest Oral Chronic LOAEL (RTECS) [plotted]	26	mg/(kg*d)	5.00	50	1.33

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Surface Water Release (TRI) [plotted]	28761	lbs/year	5.00	57	1.33
Total Release (TRI) [plotted]	433536	lbs/year	8.00	57	1.33

* Normalization binning according to EPA method

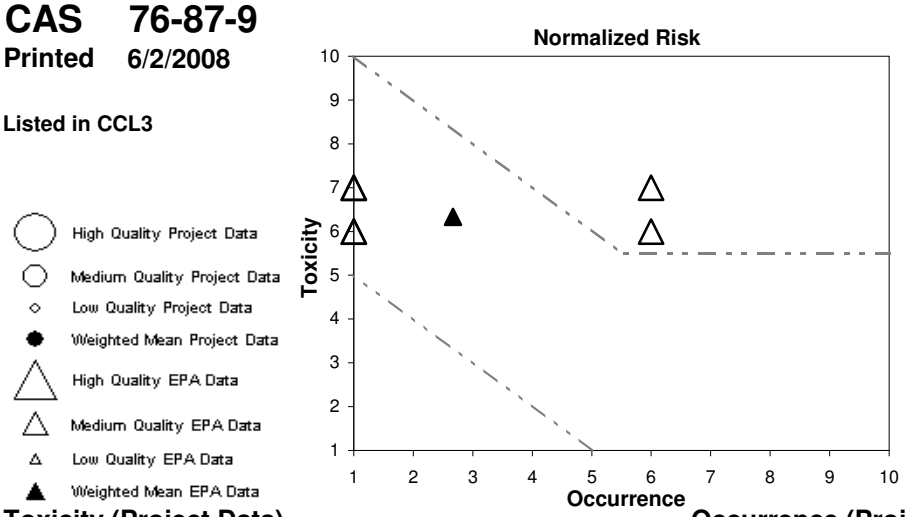
DRAFT

DRAFT

Triphenyltin hydroxide

CAS 76-87-9
Printed 6/2/2008

Listed in CCL3



Project Data

Weighted Mean Toxicity	**N/A**	
Toxicity RSD	N/A	%
Mean Weight Factor	N/A	
Weighted Mean Occurrence	**1.00**	
Occurrence RSD	N/A	%
Mean Weight Factor	0.5	

EPA Data

Weighted Mean Toxicity	**6.33**	
Toxicity RSD	10.88	%
Mean Weight Factor	0.75	
Weighted Mean Occurrence	**2.67**	
Occurrence RSD	108.25	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Cal. Prop. 65 MADL or NSRL (CA OEHHA)	1	boolean	2.00	1	2.00

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	0	lbs	1.00	3	1.33

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Max Acceptable Daily Intake (JMPR) [plotted]	0.0005	mg/(kg*d)	6.00	23	2.00
Lowest Oral Chronic LOAEL (RTECS) [plotted]	0.15	mg/(kg*d)	7.00	50	1.33

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Total Pesticide Application (NCFAP) [plotted]	660971	lbs/year	6.00	31	1.33
Surface Water Release (TRI) [plotted]	0	lbs/year	1.00	57	1.33
Total Release (TRI) [plotted]	0	lbs/year	1.00	57	1.33

* Normalization binning according to EPA method

DRAFT

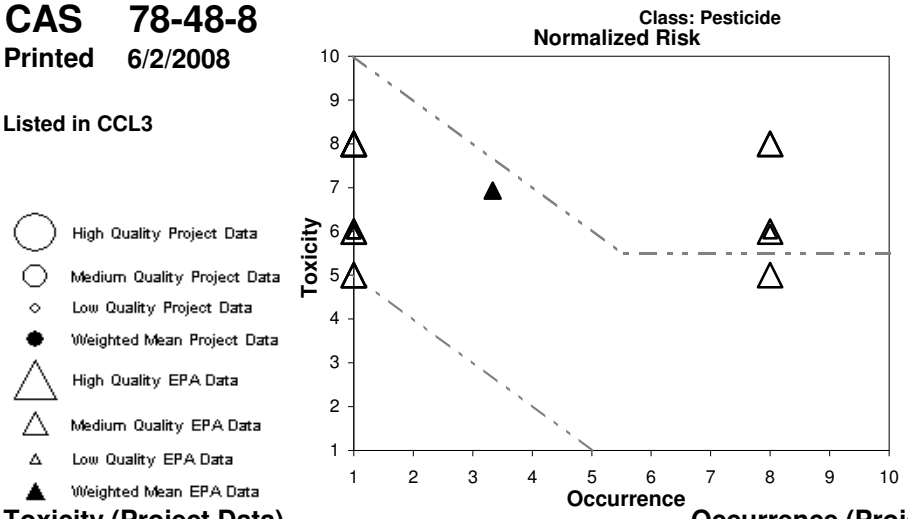
DRAFT

Tribufos

CAS 78-48-8

Printed 6/2/2008

Listed in CCL3



Project Data

Weighted Mean Toxicity	**7.33**	
Toxicity RSD	20.203	%
Mean Weight Factor	0.75	
Weighted Mean Occurrence	**N/A**	
Occurrence RSD	N/A	%
Mean Weight Factor	N/A	

EPA Data

Weighted Mean Toxicity	**6.93**	
Toxicity RSD	20.33	%
Mean Weight Factor	0.75	
Weighted Mean Occurrence	**3.33**	
Occurrence RSD	121.24	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
EPA RfD (IRIS) [plotted]	3E-05	mg/kg/d	8.00	1	2.00
NOEL (IRIS)	0.1	mg/kg/d	7.00	2	1.50
LOAEL (IRIS)	0.5	mg/kg/d	6.00	3	1.33

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (EPA OPP) [plotted]	0.001	mg/(kg*d)	6.00	22	2.00
RfD (EPA IRIS (ITER)) [plotted]	3E-05	mg/(kg*d)	8.00	33	2.00
RfD (RAISHE) [plotted]	3E-05	mg/(kg*d)	8.00	41	2.00
Lowest Oral Chronic LOAEL (RTECS) [plotted]	4.08	mg/(kg*d)	5.00	50	1.33
Lowest Oral LD50 (RTECS) [plotted]	77	mg/(kg*d)	6.00	21	1.25

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Total Pesticide Application (NCFAP) [plotted]	5E+06	lbs/year	8.00	31	1.33
Surface Water Release (TRI) [plotted]	4	lbs/year	1.00	57	1.33
Total Release (TRI) [plotted]	7	lbs/year	1.00	57	1.33

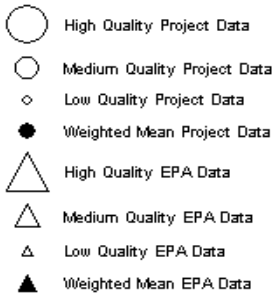
* Normalization binning according to EPA method

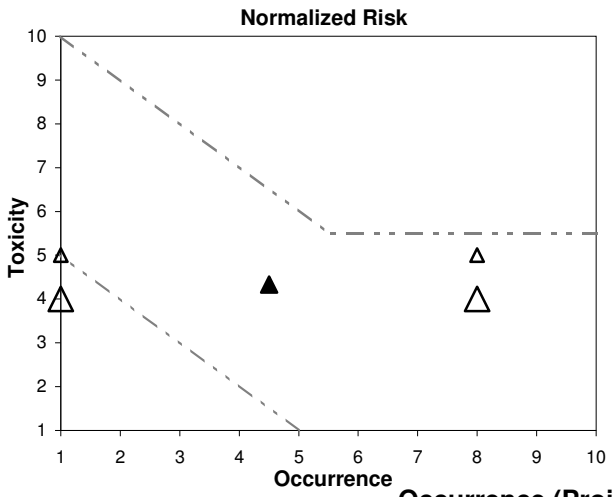
DRAFT

Cumene hydroperoxide

CAS 80-15-9
Printed 6/2/2008

Listed in CCL3





Project Data		
Weighted Mean Toxicity	**N/A**	
Toxicity RSD	N/A	%
Mean Weight Factor	N/A	
Weighted Mean Occurrence	**N/A**	
Occurrence RSD	N/A	%
Mean Weight Factor	N/A	
EPA Data		
Weighted Mean Toxicity	**4.33**	
Toxicity RSD	15.71	%
Mean Weight Factor	0.375	
Weighted Mean Occurrence	**4.50**	
Occurrence RSD	109.99	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Lowest Oral Chronic LOAEL (RTECS) [plotted]	32.7	mg/(kg*d)	4.00	50	1.33
Lowest Oral LD50 (RTECS) [plotted]	382	mg/(kg*d)	5.00	21	1.25

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Surface Water Release (TRI) [plotted]	96	lbs/year	1.00	57	1.33
Total Release (TRI) [plotted]	443772	lbs/year	8.00	57	1.33

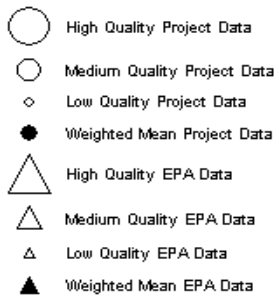
* Normalization binning according to EPA method

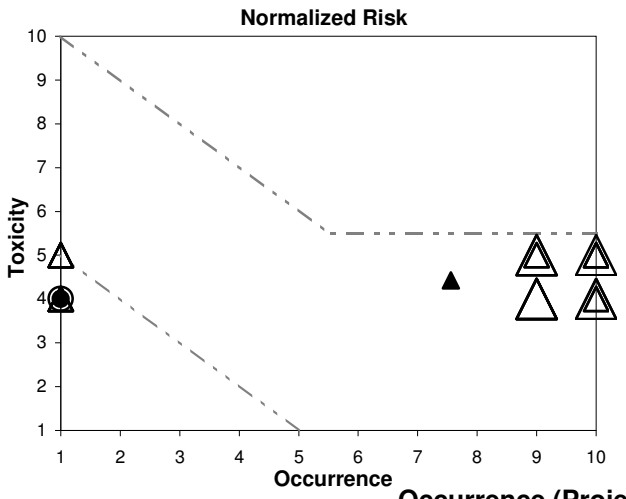
DRAFT

N-Nitrosodiphenylamine

CAS 86-30-6
Printed 6/2/2008

Listed in CCL3





Project Data

Weighted Mean Toxicity	**4.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	1.00	
Weighted Mean Occurrence	**1.00**	
Occurrence RSD	N/A	%
Mean Weight Factor	0.5	

EPA Data

Weighted Mean Toxicity	**4.43**	
Toxicity RSD	12.83	%
Mean Weight Factor	0.875	
Weighted Mean Occurrence	**7.56**	
Occurrence RSD	66.18	%
Mean Weight Factor	0.75	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Oral Slope Factor (CA OEHHA) [plotted]	0.009	mg/kg/d	4.00	1	2.00
Cal. Prop. 65 MADL or NSRL (CA OEHHA)	1	boolean	2.00	1	2.00

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	34	lbs	1.00	3	1.33

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (RAISHE) [plotted]	0.02	mg/(kg*d)	5.00	41	2.00
Cancer Slope Factor (RAISHE) [plotted]	0.0049	(mg/(kg*d))-1	4.00	24	2.00
Cancer Slope Factor (OEHHA) [plotted]	0.009	(mg/(kg*d))-1	4.00	24	2.00
Lowest Oral Chronic LOAEL (RTECS) [plotted]	20.5	mg/(kg*d)	5.00	50	1.33

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection (CAL DHS) [plotted]	0.75	%	10.00	14	2.00
Max Detect Value (CAL DHS) [plotted]	76.2	µg/L	9.00	9	2.00
99th Percentile Detect Value (CAL DHS) [plotted]	76.2	µg/L	9.00	5	2.00
Surface Water Release (TRI) [plotted]	0	lbs/year	1.00	57	1.33
Total Release (TRI) [plotted]	14	lbs/year	1.00	57	1.33
Median Detect Value (CAL DHS) [plotted]	76.2	µg/L	10.00	9	1.33

* Normalization binning according to EPA method

DRAFT

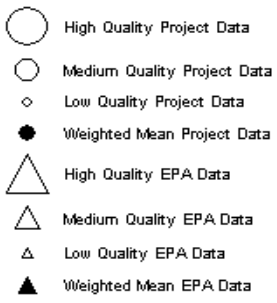
DRAFT

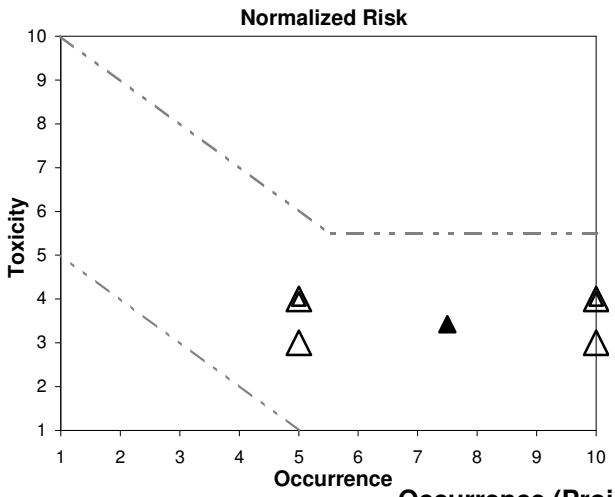
N-Methylpyrrolidone

CAS 872-50-4

Printed 6/2/2008

Listed in CCL3





Project Data

Weighted Mean Toxicity	**N/A**	
Toxicity RSD	N/A	%
Mean Weight Factor	N/A	
Weighted Mean Occurrence	**7.50**	
Occurrence RSD	47.14	%
Mean Weight Factor	0.5	

EPA Data

Weighted Mean Toxicity	**3.43**	
Toxicity RSD	15.75	%
Mean Weight Factor	0.5833	
Weighted Mean Occurrence	**7.50**	
Occurrence RSD	47.14	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Cal. Prop. 65 MADL or NSRL (CA OEHHA)	1	boolean	2.00	1	2.00

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
On.site Surface Water Discharges (TRI) [plotted]	20387	lbs	5.00	3	1.33
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	5E+06	lbs	10.00	3	1.33

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Tolerable Daily Intake (ITER) [plotted]	0.6	mg/(kg*d)	3.00	5	2.00
Lowest Oral Chronic LOAEL (RTECS) [plotted]	120	mg/(kg*d)	4.00	50	1.33
Lowest Oral LD50 (RTECS) [plotted]	3914	mg/(kg*d)	4.00	21	1.25

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Surface Water Release (TRI) [plotted]	17972	lbs/year	5.00	57	1.33
Total Release (TRI) [plotted]	6E+06	lbs/year	10.00	57	1.33

* Normalization binning according to EPA method

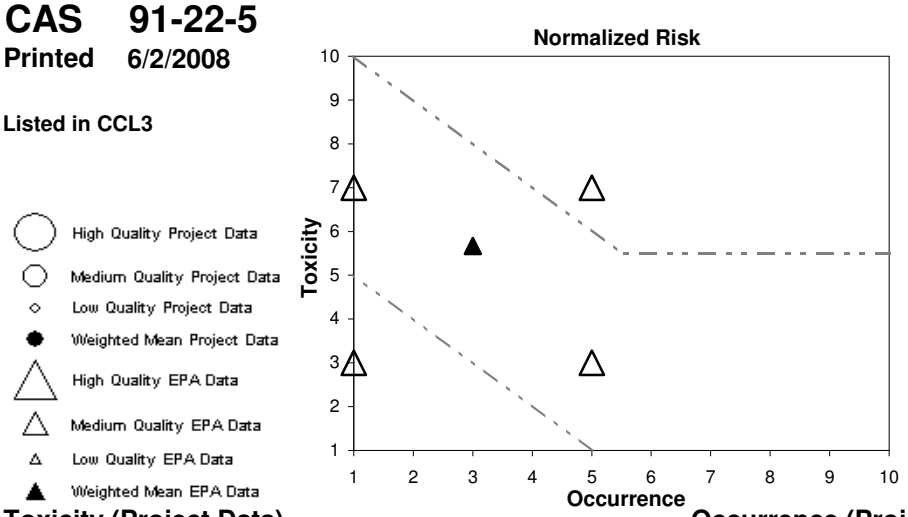
DRAFT

DRAFT

Quinoline

CAS 91-22-5
Printed 6/2/2008

Listed in CCL3



Project Data

Weighted Mean Toxicity	**N/A**	
Toxicity RSD	N/A	%
Mean Weight Factor	N/A	
Weighted Mean Occurrence	**3.50**	
Occurrence RSD	101.02	%
Mean Weight Factor	0.5	

EPA Data

Weighted Mean Toxicity	**5.67**	
Toxicity RSD	56.57	%
Mean Weight Factor	0.75	
Weighted Mean Occurrence	**3.00**	
Occurrence RSD	94.28	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Cal. Prop. 65 MADL or NSRL (CA OEHHA)	1	boolean	2.00	1	2.00

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
On.site Surface Water Discharges (TRI) [plotted]	42	lbs	1.00	3	1.33
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	36873	lbs	6.00	3	1.33

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Cancer Slope Factor (RAISHE) [plotted]	3	$(mg/(kg*d))^{-1}$	7.00	24	2.00
Lifetime Cancer Risk (EPA) [plotted]	0.001	mg/L	3.00	17	1.50

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Surface Water Release (TRI) [plotted]	62	lbs/year	1.00	57	1.33
Total Release (TRI) [plotted]	28629	lbs/year	5.00	57	1.33

* Normalization binning according to EPA method

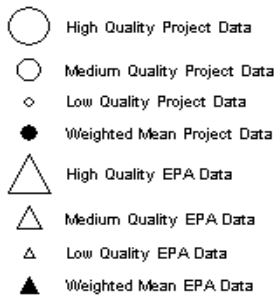
DRAFT

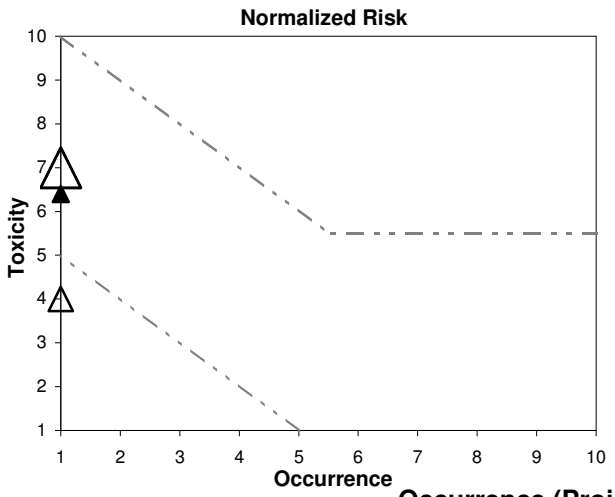
DRAFT

N-Nitrosopyrrolidine

CAS 930-55-2
Printed 6/2/2008

Listed in CCL3





Project Data

Weighted Mean Toxicity	**7.00**	
Toxicity RSD	N/A	%
Mean Weight Factor	1.00	
Weighted Mean Occurrence	**N/A**	
Occurrence RSD	N/A	%
Mean Weight Factor	N/A	

EPA Data

Weighted Mean Toxicity	**6.40**	
Toxicity RSD	28.87	%
Mean Weight Factor	0.8333	
Weighted Mean Occurrence	**1.00**	
Occurrence RSD	N/A	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Oral Slope Factor (CA OEHHA) [plotted]	2.1	mg/kg/d	7.00	1	2.00
Cal. Prop. 65 MADL or NSRL (CA OEHHA)	1	boolean	2.00	1	2.00

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Cancer Slope Factor (RAISHE) [plotted]	2.1	(mg/(kg*d))-1	7.00	24	2.00
Cancer Slope Factor (OEHHA) [plotted]	2.1	(mg/(kg*d))-1	7.00	24	2.00
Lifetime Cancer Risk (EPA) [plotted]	0.002	mg/L	4.00	17	1.50

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection (STORET) [plotted]	0	%	1.00	11	1.50

* Normalization binning according to EPA method

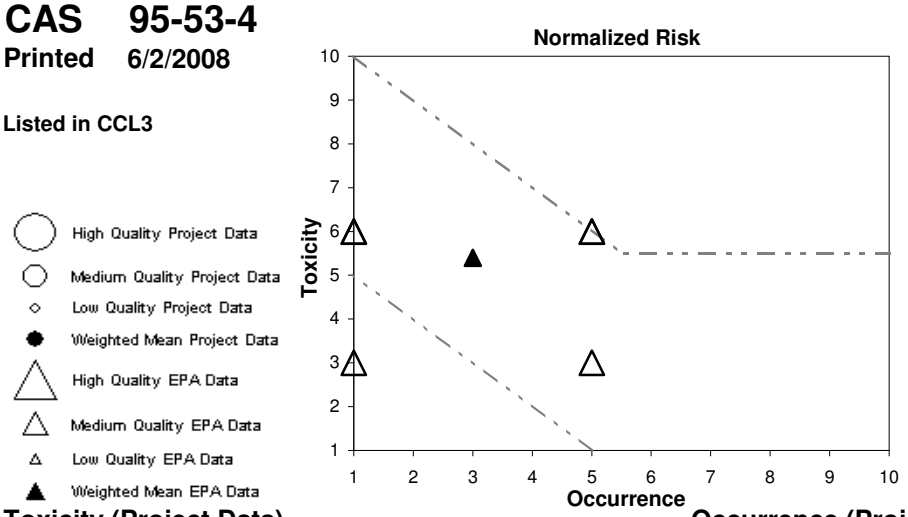
DRAFT

DRAFT

o-Toluidine

CAS 95-53-4
Printed 6/2/2008

Listed in CCL3



Project Data

Weighted Mean Toxicity	**N/A**	
Toxicity RSD	N/A	%
Mean Weight Factor	N/A	
Weighted Mean Occurrence	**3.00**	
Occurrence RSD	94.28	%
Mean Weight Factor	0.5	

EPA Data

Weighted Mean Toxicity	**5.40**	
Toxicity RSD	34.64	%
Mean Weight Factor	0.8333	
Weighted Mean Occurrence	**3.00**	
Occurrence RSD	94.28	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Cal. Prop. 65 MADL or NSRL (CA OEHHA)	1	boolean	2.00	1	2.00

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
On.site Surface Water Discharges (TRI) [plotted]	5	lbs	1.00	3	1.33
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	16479	lbs	5.00	3	1.33

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Cancer Slope Factor (RAISHE) [plotted]	0.24	(mg/(kg*d))-1	6.00	24	2.00
Cancer Slope Factor (OEHHA) [plotted]	0.18	(mg/(kg*d))-1	6.00	24	2.00
Lowest Oral Chronic LOAEL (RTECS) [plotted]	340	mg/(kg*d)	3.00	50	1.33

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Surface Water Release (TRI) [plotted]	5	lbs/year	1.00	57	1.33
Total Release (TRI) [plotted]	10774	lbs/year	5.00	57	1.33

* Normalization binning according to EPA method

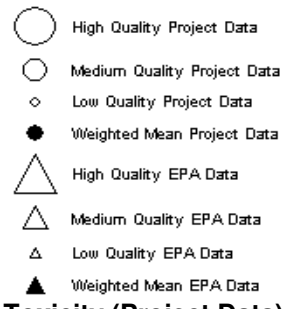
DRAFT

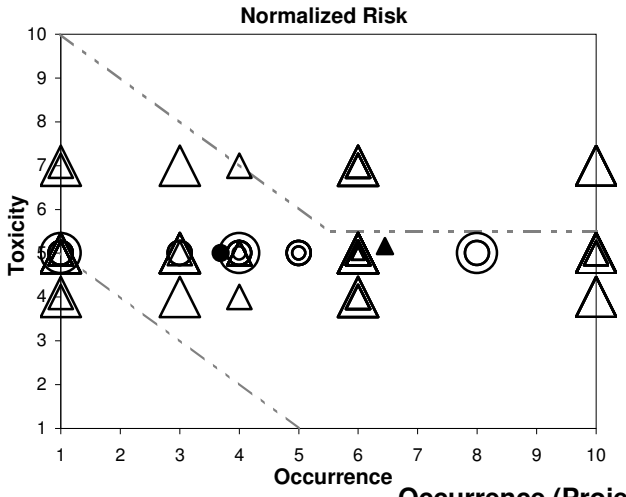
DRAFT

1,2,3-Trichloropropane

CAS 96-18-4
Printed 6/2/2008

Listed in CCL3





Project Data

Weighted Mean Toxicity	**5.00**	
Toxicity RSD	0	%
Mean Weight Factor	0.67	
Weighted Mean Occurrence	**3.69**	
Occurrence RSD	59.23	%
Mean Weight Factor	0.4063	

EPA Data

Weighted Mean Toxicity	**5.17**	
Toxicity RSD	17.49	%
Mean Weight Factor	0.8571	
Weighted Mean Occurrence	**6.45**	
Occurrence RSD	49.63	%
Mean Weight Factor	0.67	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
EPA RfD (IRIS) [plotted]	0.006	mg/kg/d	5.00	1	2.00
Cal. Prop. 65 MADL or NSRL (CA OEHHA)	1	boolean	2.00	1	2.00
NOAEL (IRIS) [plotted]	5.71	mg/kg/d	5.00	2	1.50
LOAEL (IRIS)	11.4	mg/kg/d	5.00	3	1.33

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection in Aquifer Samples (USGS) [plotted]	0.0181	%	1.00	2	1.50
95th Percentile Concentration in Stream (NAWQA) [plotted]	0.2	µg/L	4.00	2	1.50
Max Concentration in Stream (NAWQA) [plotted]	18	µg/L	8.00	2	1.50
On.site Surface Water Discharges (TRI) [plotted]	200	lbs	1.00	3	1.33
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	1472.2	lbs	3.00	3	1.33
Median detection in Aquifer Study (< given) (USGS) [plotted]	0.2	µg/L	5.00	4	1.25
75th Percentile Concentration in Stream (NAWQA) [plotted]	0.2	µg/L	5.00	4	1.25
90th Percentile Concentration in Stream (NAWQA) [plotted]	0.2	µg/L	4.00	4	1.25

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (EPA IRIS (ITER)) [plotted]	0.006	mg/(kg*d)	5.00	33	2.00
RfD (EPA HA) [plotted]	0.006	mg/(kg*d)	5.00	16	2.00
RfD (RAISHE) [plotted]	0.006	mg/(kg*d)	5.00	41	2.00
Minimum Risk Level (ATSDR (ITER)) [plotted]	0.06	mg/(kg*d)	4.00	17	2.00
Cancer Slope Factor (RAISHE) [plotted]	7	(mg/(kg*d))-1	7.00	24	2.00
Supplemental NOEL (Supplemental) [plotted]	5.71	mg/(kg*d)	5.00	9	1.50
Lowest Oral Chronic LOAEL (RTECS) [plotted]	22.9	mg/(kg*d)	5.00	50	1.33

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection in Round 1 Finished Water (NCOD) [plotted]	0.25	µg/L	3.00	7	2.00
Max Concentration in Round 1 Finished Water (NCOD) [plotted]	112	µg/L	10.00	7	2.00
99th Percentile Concentration in Round 1 Finished Water (NCOD) [plotted]	112	µg/L	10.00	7	2.00
Frequency Detection in Round 2 Finished Water (NCOD) [plotted]	0.079	µg/L	1.00	12	2.00
Max Concentration in Round 2 Finished Water (NCOD) [plotted]	3000	µg/L	10.00	12	2.00
99th Percentile Concentration in Round 2 Finished Water (NCOD) [plotted]	3000	µg/L	10.00	12	2.00
Frequency Detection in Ambient Water (NAWQA) [plotted]	1	µg/L	6.00	24	1.50
Max Concentration in Ambient Water (NAWQA) [plotted]	2.92	µg/L	6.00	24	1.50
99th Percentile Concentration in Ambient Water (NAWQA) [plotted]	2.92	µg/L	6.00	23	1.50
Median Concentration in Round 1 Finished Water (NCOD) [plotted]	0.92	µg/L	6.00	7	1.33
Median Concentration in Round 2 Finished Water (NCOD) [plotted]	0.5	µg/L	6.00	12	1.33
Surface Water Release (TRI) [plotted]	282	lbs/year	1.00	57	1.33
Total Release (TRI) [plotted]	9053	lbs/year	4.00	57	1.33

DRAFT

DRAFT

1,2,3-Trichloropropane Occurrence Cont. (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Median Concentration in Ambient Water (NAWQA) [plotted]	0.4	µg/L	6.00	23	1.25
90th Percentile Concentration in Ambient Water (NAWQA) [plotted]	0.97	µg/L	6.00	22	1.25

* Normalization binning according to EPA method

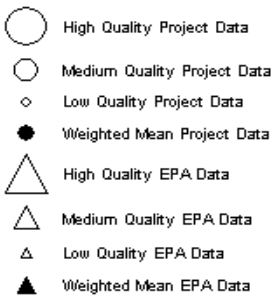
DRAFT

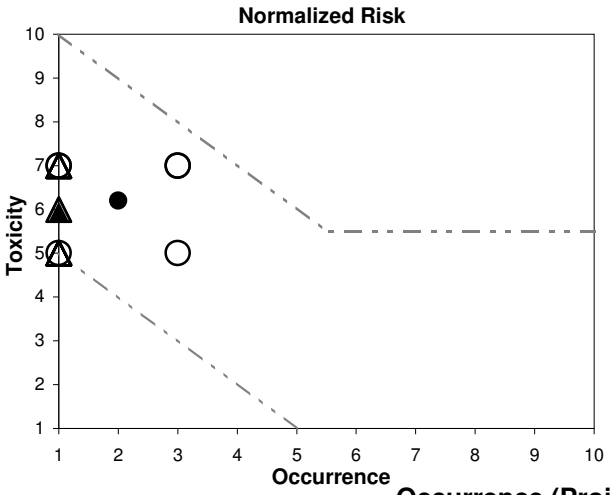
DRAFT

2-Imidazolidinethione (ETU)

CAS 96-45-7
Printed 6/2/2008

Listed in CCL3





Project Data

Weighted Mean Toxicity	**6.20**	
Toxicity RSD	18.232	%
Mean Weight Factor	0.83	
Weighted Mean Occurrence	**2.00**	
Occurrence RSD	70.71	%
Mean Weight Factor	0.5	

EPA Data

Weighted Mean Toxicity	**5.93**	
Toxicity RSD	16.87	%
Mean Weight Factor	0.875	
Weighted Mean Occurrence	**1.00**	
Occurrence RSD	0.00	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
EPA RfD (IRIS) [plotted]	8E-05	mg/kg/d	7.00	1	2.00
Oral Slope Factor (CA OEHHA) [plotted]	0.045	mg/kg/d	5.00	1	2.00
Cal. Prop. 65 MADL or NSRL (CA OEHHA)	1	boolean	2.00	1	2.00
LOAEL (IRIS)	0.25	mg/kg/d	7.00	3	1.33

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
On.site Surface Water Discharges (TRI) [plotted]	0	lbs	1.00	3	1.33
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	1784	lbs	3.00	3	1.33

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (EPA IRIS (ITER)) [plotted]	8E-05	mg/(kg*d)	7.00	33	2.00
RfD (EPA HA) [plotted]	8E-05	mg/(kg*d)	7.00	16	2.00
RfD (RAISHE) [plotted]	8E-05	mg/(kg*d)	7.00	41	2.00
Max Acceptable Daily Intake (JMPR) [plotted]	0.004	mg/(kg*d)	5.00	23	2.00
Cancer Slope Factor (RAISHE) [plotted]	0.11	(mg/(kg*d))-1	5.00	24	2.00
Cancer Slope Factor (OEHHA) [plotted]	0.045	(mg/(kg*d))-1	5.00	24	2.00
Lifetime Cancer Risk (EPA) [plotted]	0.02	mg/L	5.00	17	1.50
Lowest Oral Chronic LOAEL (RTECS) [plotted]	1.34	mg/(kg*d)	6.00	50	1.33

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Surface Water Release (TRI) [plotted]	5	lbs/year	1.00	57	1.33
Total Release (TRI) [plotted]	299	lbs/year	1.00	57	1.33

* Normalization binning according to EPA method

DRAFT

DRAFT

Nitrobenzene

CAS 98-95-3

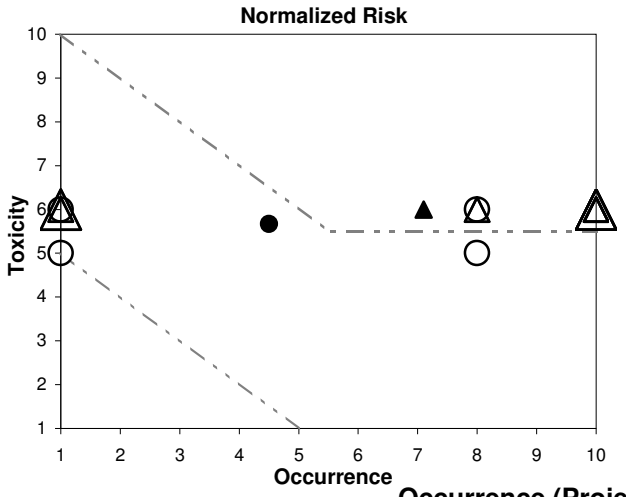
Printed 6/2/2008

Listed in CCL3

Listed in CCL2

Listed in CCL1

High Quality Project Data
Medium Quality Project Data
Low Quality Project Data
Weighted Mean Project Data
High Quality EPA Data
Medium Quality EPA Data
Low Quality EPA Data
Weighted Mean EPA Data



Project Data

Weighted Mean Toxicity	**5.67**	
Toxicity RSD	12.856	%
Mean Weight Factor	0.75	
Weighted Mean Occurrence	**4.50**	
Occurrence RSD	109.99	%
Mean Weight Factor	0.5	

EPA Data

Weighted Mean Toxicity	**6.00**	
Toxicity RSD	0.00	%
Mean Weight Factor	1	
Weighted Mean Occurrence	**7.10**	
Occurrence RSD	59.63	%
Mean Weight Factor	0.71	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
EPA RfD (IRIS) [plotted]	0.0005	mg/kg/d	6.00	1	2.00
Cal. Prop. 65 MADL or NSRL (CA OEHHA)	1	boolean	2.00	1	2.00
LOAEL (IRIS)	4.6	mg/kg/d	5.00	3	1.33

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
On.site Surface Water Discharges (TRI) [plotted]	20	lbs	1.00	3	1.33
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	588371	lbs	8.00	3	1.33

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (EPA IRIS (ITER)) [plotted]	0.0005	mg/(kg*d)	6.00	33	2.00
RfD (RAISHE) [plotted]	0.0005	mg/(kg*d)	6.00	41	2.00

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Frequency Detection in Finished Water (UMCR) [plotted]	0.065	µg/L	1.00	11	2.00
Max Concentration in Finished Water (UMCR) [plotted]	100	µg/L	10.00	11	2.00
99th Percentile Concentration in Finished Water (UMCR) [plotted]	100	µg/L	10.00	11	2.00
Median Concentration in Finished Water (UMCR) [plotted]	60.8	µg/L	10.00	11	1.33
90th Percentile Concentration in Finished Water (UMCR) [plotted]	100	µg/L	10.00	11	1.33
Surface Water Release (TRI) [plotted]	60	lbs/year	1.00	57	1.33
Total Release (TRI) [plotted]	350301	lbs/year	8.00	57	1.33

* Normalization binning according to EPA method

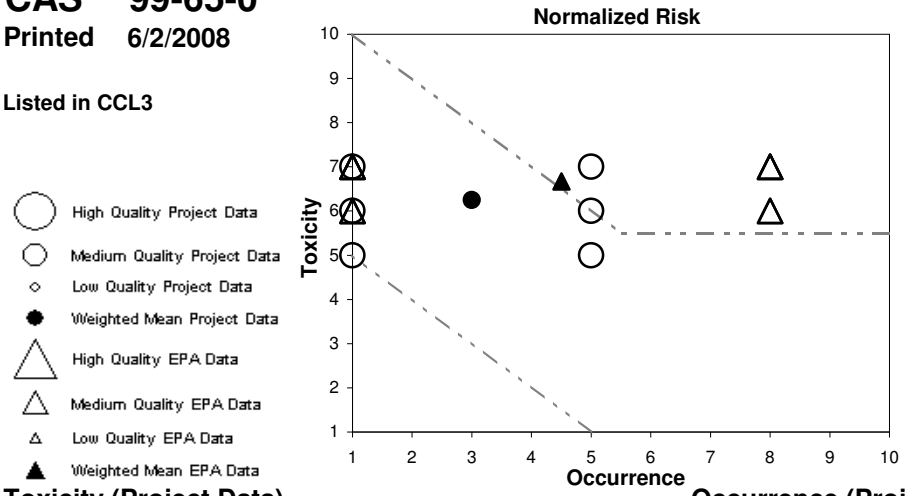
DRAFT

DRAFT

m-Dinitrobenzene

CAS 99-65-0
Printed 6/2/2008

Listed in CCL3



Project Data

Weighted Mean Toxicity	**6.25**	
Toxicity RSD	16.667	%
Mean Weight Factor	0.67	
Weighted Mean Occurrence	**3.00**	
Occurrence RSD	94.28	%
Mean Weight Factor	0.5	

EPA Data

Weighted Mean Toxicity	**6.67**	
Toxicity RSD	8.30	%
Mean Weight Factor	0.9	
Weighted Mean Occurrence	**4.50**	
Occurrence RSD	109.99	%
Mean Weight Factor	0.50	

Toxicity (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
EPA RfD (IRIS) [plotted]	0.0001	mg/kg/d	7.00	1	2.00
NOAEL (IRIS) [plotted]	0.4	mg/kg/d	6.00	2	1.50
LOAEL (IRIS) [plotted]	8	mg/kg/d	5.00	3	1.33

Occurrence (Project Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
On.site Surface Water Discharges (TRI) [plotted]	8	lbs	1.00	3	1.33
Total On- and Off-site Disposal or Other Releases (TRI) [plotted]	13830	lbs	5.00	3	1.33

Toxicity (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
RfD (EPA IRIS (ITER)) [plotted]	0.0001	mg/(kg*d)	7.00	33	2.00
RfD (EPA HA) [plotted]	0.0001	mg/(kg*d)	7.00	16	2.00
RfD (RAISHE) [plotted]	0.0001	mg/(kg*d)	7.00	41	2.00
Minimum Risk Level (ATSDR (ITER)) [plotted]	0.0005	mg/(kg*d)	6.00	17	2.00
Lowest Oral Chronic LOAEL (RTECS) [plotted]	1.73	mg/(kg*d)	6.00	50	1.33

Occurrence (EPA Data)

Parameter (Source)	Value	Units	Normal-ized*	n	Data Score
Surface Water Release (TRI) [plotted]	2	lbs/year	1.00	57	1.33
Total Release (TRI) [plotted]	528962	lbs/year	8.00	57	1.33

* Normalization binning according to EPA method

DRAFT