

<b>Specific target organ toxicity - repeated exposure</b>	Causes damage to organs through prolonged or repeated exposure. Respiratory system. Skin. Kidneys. Blood. Central nervous system. Eyes. Liver. Lymph system. Hematopoietic system.
<b>Aspiration hazard</b>	May be fatal if swallowed and enters airways.
<b>Chronic effects</b>	Prolonged inhalation may be harmful. Causes damage to organs through prolonged or repeated exposure. Prolonged exposure may cause chronic effects.

## 12. Ecological information

**Ecotoxicity** Toxic to aquatic life with long lasting effects.

### Ecotoxicity

Components	Species	Calculated/Test Results
1,2,4-TRIMETHYLBENZENE (CAS 95-63-6)		
<b>Aquatic</b>		
Fish LC50	Fathead minnow ( <i>Pimephales promelas</i> )	7.19 - 8.28 mg/l, 96 hours
2-BUTOXYETHANOL (CAS 111-76-2)		
<b>Aquatic</b>		
Fish LC50	Inland silverside ( <i>Menidia beryllina</i> )	1250 mg/l, 96 hours
ammonia, anhydrous (CAS 7664-41-7)		
<b>Aquatic</b>		
Fish LC50	Silver carp ( <i>Hypophthalmichthys molitrix</i> )	0.38 mg/l, 96 hours
CUMENE (CAS 98-82-8)		
<b>Aquatic</b>		
Crustacea EC50	Brine shrimp ( <i>Artemia</i> sp.)	3.55 - 11.29 mg/l, 48 hours
Fish LC50	Rainbow trout,donaldson trout ( <i>Oncorhynchus mykiss</i> )	2.7 mg/l, 96 hours
NAPHTHALENE (CAS 91-20-3)		
<b>Aquatic</b>		
Crustacea EC50	Water flea ( <i>Daphnia magna</i> )	1.09 - 3.4 mg/l, 48 hours
Fish LC50	Pink salmon ( <i>Oncorhynchus gorbuscha</i> )	0.95 - 1.62 mg/l, 96 hours
Solvent naphtha (petroleum), heavy arom. (CAS 64742-94-5)		
<b>Aquatic</b>		
Crustacea EC50	Water flea ( <i>Daphnia pulex</i> )	2.7 - 5.1 mg/l, 48 hours
Fish LC50	Rainbow trout,donaldson trout ( <i>Oncorhynchus mykiss</i> )	8.8 mg/l, 96 hours
		8.8 mg/l, 96 hours
Solvent naphtha (petroleum), light arom. (CAS 64742-95-6)		
<b>Aquatic</b>		
Crustacea EC50	Water flea ( <i>Daphnia pulex</i> )	2.7 - 5.1 mg/l, 48 hours
Fish LC50	Rainbow trout,donaldson trout ( <i>Oncorhynchus mykiss</i> )	8.8 mg/l, 96 hours
		8.8 mg/l, 96 hours
XYLENE (CAS 1330-20-7)		
<b>Aquatic</b>		
Fish LC50	Rainbow trout,donaldson trout ( <i>Oncorhynchus mykiss</i> )	6.702 - 10.032 mg/l, 96 hours

**Persistence and degradability** No data is available on the degradability of any ingredients in the mixture.

### Bioaccumulative potential

<b>Partition coefficient n-octanol / water (log Kow)</b>	
1,2,4-TRIMETHYLBENZENE	3.78
2-BUTOXYETHANOL	0.83
4-METHYLPENTAN-2-OL	1.43
ammonia, anhydrous	-2.66
CUMENE	3.66
NAPHTHALENE	3.3
tert-Butylbenzene	4.11

**Mobility in soil** No data available. This product is miscible in water and may not disperse in soil.