

## SAFETY DATA SHEET

### Screen Products Limited - Special Effects Liquids Bulk

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

**Product name** Screen Products Limited - Special Effects Liquids Bulk

##### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Identified uses** Dye

##### 1.3. Details of the supplier of the safety data sheet

**Supplier** Screen Products Limited  
Lytchett House, 13 Freeland Park  
Lytchett Matravers  
Poole, Dorset BH16 6FA  
  
Tel: 07926 196 471

##### 1.4. Emergency telephone number

**Emergency telephone** 07926 196471 (Hours 09:00 - 17:00 Mon to Fri)

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### Classification

**Physical hazards** Flam. Liq. 2 - H225

**Health hazards** Eye Irrit. 2 - H319

**Environmental hazards** Not Classified

**Classification (67/548/EEC or 1999/45/EC)** F; R11. Xi; R36

**Human health** Vapours and spray/mists in high concentrations are narcotic.

**Environmental** The product is not expected to be hazardous to the environment.

**Physicochemical** The product is highly flammable. Containers can burst violently or explode when heated, due to excessive pressure build-up. Vapours may form explosive mixtures with air.

##### 2.2. Label elements

###### Pictogram



**Signal word** Danger

**Hazard statements** H225 Highly flammable liquid and vapour.  
H319 Causes serious eye irritation.

## Screen Products Limited - Special Effects Liquids Bulk

<b>Precautionary statements</b>	P102 Keep out of reach of children.	
	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.	
	P264 Wash contaminated skin thoroughly after handling.	
	P280 Wear protective gloves/protective clothing/eye protection/face protection.	
	P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.	
	P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.	
	P403+P235 Store in a well-ventilated place. Keep cool.	
	P501 Dispose of contents/container in accordance with national regulations.	
	<b>Supplementary precautionary statements</b>	P233 Keep container tightly closed.
		P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical equipment.		
P242 Use only non-sparking tools.		
P243 Take precautionary measures against static discharge.		
P337+P313 If eye irritation persists: Get medical advice/attention.		
P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.		

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>ETHANOL</b>			<b>30-60%</b>
CAS number: 64-17-5	EC number: 200-578-6	REACH registration number: 01-2119457610-43-XXXX	
<b>Classification</b>			
Flam. Liq. 2 - H225			
Eye Irrit. 2 - H319			
<b>ACETONE</b>			<b>5-10%</b>
CAS number: 67-64-1	EC number: 200-662-2	REACH registration number: 01-2119471330-49-XXXX	
<b>Classification</b>			
Flam. Liq. 2 - H225			
Eye Irrit. 2 - H319			
STOT SE 3 - H336			
STOT SE 3 - H336			
<b>Silicon Dioxide, Chemically Prepared</b>			<b>5-10%</b>
CAS number: 7631-86-9	EC number: 231-545-4		
<b>Classification</b>			
Not Classified			

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<b>XYLENE</b>		<b>1-5%</b>
CAS number: 1330-20-7	EC number: 215-535-7	REACH registration number: 01-2119488216-32-XXXX
<b>Classification</b> Flam. Liq. 3 - H226 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335 STOT RE 2 - H373 Asp. Tox. 1 - H304		<b>Classification (67/548/EEC or 1999/45/EC)</b> Xn; R65, R48/20/21/22, R20/21. Xi; R36/37/38. R10
<b>2-METHOXY-1-METHYLETHYL ACETATE</b>		<b>1-5%</b>
CAS number: 108-65-6	EC number: 203-603-9	REACH registration number: 01-2119475791-29-XXXX
<b>Classification</b> Flam. Liq. 3 - H226		
<b>BUTANONE</b>		<b>1-5%</b>
CAS number: 78-93-3	EC number: 201-159-0	REACH registration number: 01-2119457290-43-XXXX
<b>Classification</b> Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336 STOT SE 3 - H336		
<b>SOLVENT DYE</b>		<b>1-5%</b>
CAS number: 94276-33-2	EC number: 304-519-6	
<b>Classification</b> Aquatic Chronic 2 - H411		
<b>ethyl acetate</b>		<b>1-5%</b>
CAS number: 141-78-6	EC number: 205-500-4	
<b>Classification</b> Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336		

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<b>1-METHOXY-2-PROPANOL</b>	<b>&lt;1%</b>
CAS number: 107-98-2	EC number: 203-539-1
	REACH registration number: 01-2119457435-35-XXXX
<b>Classification</b>	
Flam. Liq. 3 - H226	
STOT SE 3 - H336	
<b>SOLVENT DYE BLACK</b>	<b>&lt;1%</b>
CAS number: 94276-33-2	EC number: 304-519-6
<b>Classification</b>	
Repr. 1B - H360D	
Aquatic Chronic 2 - H411	
<b>LITHIUM CHLORIDE</b>	<b>&lt;1%</b>
CAS number: 7447-41-8	EC number: 231-212-3
	REACH registration number: 01-2119560574-35-XXXX
<b>Classification</b>	
Acute Tox. 4 - H302	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
<b>DIMETHYL SULFOXIDE</b>	<b>&lt;1%</b>
CAS number: 67-68-5	EC number: 200-664-3
<b>Classification</b>	
Not Classified	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
<b>Inhalation</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If in doubt, get medical attention promptly.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Remove person to fresh air and keep comfortable for breathing. Get medical attention.
<b>Skin contact</b>	Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.
<b>Protection of first aiders</b>	First aid personnel should wear appropriate protective equipment during any rescue.

#### 4.2. Most important symptoms and effects, both acute and delayed

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**General information** See Section 11 for additional information on health hazards.

### **4.3. Indication of any immediate medical attention and special treatment needed**

**Notes for the doctor** Treat symptomatically.

### **SECTION 5: Firefighting measures**

#### **5.1. Extinguishing media**

**Suitable extinguishing media** Foam, carbon dioxide or dry powder.

#### **5.2. Special hazards arising from the substance or mixture**

**Specific hazards** Containers can burst violently or explode when heated, due to excessive pressure build-up.

#### **5.3. Advice for firefighters**

**Protective actions during firefighting** Use water to keep fire exposed containers cool and disperse vapours. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk.

### **SECTION 6: Accidental release measures**

#### **6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Avoid inhalation of vapours and contact with skin and eyes. Ensure suitable respiratory protection is worn during removal of spillages in confined areas.

#### **6.2. Environmental precautions**

**Environmental precautions** Avoid discharge into drains.

#### **6.3. Methods and material for containment and cleaning up**

**Methods for cleaning up** Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into containers.

#### **6.4. Reference to other sections**

**Reference to other sections** For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

### **SECTION 7: Handling and storage**

#### **7.1. Precautions for safe handling**

**Usage precautions** Keep away from heat, sparks and open flame. Read and follow manufacturer's recommendations. Use suitable respiratory protection if ventilation is inadequate.

**Advice on general occupational hygiene** Wash promptly with soap and water if skin becomes contaminated.

#### **7.2. Conditions for safe storage, including any incompatibilities**

**Storage precautions** Do not store near heat sources or expose to high temperatures. Keep away from heat, sparks and open flame.

#### **7.3. Specific end use(s)**

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### **SECTION 8: Exposure Controls/personal protection**

#### **8.1. Control parameters**

##### **Occupational exposure limits**

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### ETHANOL

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m<sup>3</sup>

### ACETONE

Long-term exposure limit (8-hour TWA): WEL 500 ppm 1210 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 1500 ppm 3620 mg/m<sup>3</sup>

### Silicon Dioxide, Chemically Prepared

Long-term exposure limit (8-hour TWA): WEL 6 mg/m<sup>3</sup> inhalable dust

Long-term exposure limit (8-hour TWA): WEL 2.4 mg/m<sup>3</sup> respirable dust

### XYLENE

Long-term exposure limit (8-hour TWA): WEL 50 ppm 220 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 100 ppm 441 mg/m<sup>3</sup>

Sk

### 2-METHOXY-1-METHYLETHYL ACETATE

Short-term exposure limit (15-minute): WEL 548 mg/m<sup>3</sup> 100 ppm

Long-term exposure limit (8-hour TWA): WEL 274 mg/m<sup>3</sup> 50 ppm

### BUTANONE

Short-term exposure limit (15-minute): WEL 899 mg/m<sup>3</sup> 300 ppm

Long-term exposure limit (8-hour TWA): WEL 600 mg/m<sup>3</sup> 200 ppm

### 1-METHOXY-2-PROPANOL

Short-term exposure limit (15-minute): 560 mg/m<sup>3</sup> 150 ppm

Long-term exposure limit (8-hour TWA): 375 mg/m<sup>3</sup> 100 ppm

WEL = Workplace Exposure Limit

Sk = Can be absorbed through the skin.

### ETHANOL (CAS: 64-17-5)

<b>DNEL</b>	<p>Consumer - Oral; Long term systemic effects: 87 mg/kg/day</p> <p>Consumer - Dermal; Long term systemic effects: 206 mg/kg/day</p> <p>Workers - Dermal; Long term systemic effects: 343 mg/kg/day</p> <p>Consumer - Inhalation; Short term local effects: 950 mg/m<sup>3</sup></p> <p>Workers - Inhalation; Short term local effects: 1900 mg/m<sup>3</sup></p> <p>Consumer - Inhalation; Long term systemic effects: 114 mg/m<sup>3</sup></p> <p>Workers - Inhalation; Long term systemic effects: 950 mg/m<sup>3</sup></p>
<b>PNEC</b>	<p>- Fresh water; 0.96 mg/l</p> <p>- Sediment (Freshwater); 3.6 mg/kg</p> <p>- Marine water; 0.79 mg/l</p> <p>- Soil; 0.63 mg/kg</p>

### ACETONE (CAS: 67-64-1)

<b>DNEL</b>	<p>Workers - Dermal; Long term systemic effects: 186 mg/kg/day</p> <p>Workers - Inhalation; Short term local effects: 2420 mg/m<sup>3</sup></p> <p>Workers - Inhalation; Long term systemic effects: 1210 mg/m<sup>3</sup></p>
<b>PNEC</b>	<p>- Sediment (Freshwater); 30.4 mg/kg</p> <p>- Sediment (Marinewater); 3.04 mg/kg</p> <p>- Marine water; 1.06 mg/l</p> <p>- Soil; 29.5 mg/kg</p>

### XYLENE (CAS: 1330-20-7)

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**DNEL**

Consumer - Dermal; Long term systemic effects: 108 mg/kg/day  
 Workers - Dermal; Long term systemic effects: 180 mg/kg/day  
 Consumer - Inhalation; Short term local effects: 174 mg/m<sup>3</sup>  
 Consumer - Inhalation; Short term systemic effects: 174 mg/m<sup>3</sup>  
 Workers - Inhalation; Short term systemic effects: 289 mg/m<sup>3</sup>  
 Workers - Inhalation; Short term local effects: 289 mg/m<sup>3</sup>  
 Consumer - Inhalation; Long term systemic effects: 14.8 mg/m<sup>3</sup>  
 Workers - Inhalation; Long term systemic effects: 77 mg/m<sup>3</sup>

**PNEC**

- Fresh water; 0.327 mg/l
- Marine water; 0.327 mg/l
- Intermittent release; 0.327 mg/l
- STP; 6.58 mg/l
- Sediment (Freshwater); 12.46 mg/kg
- Sediment (Marinewater); 12.46 mg/kg
- Soil; 2.31 mg/kg

### 2-METHOXY-1-METHYLETHYL ACETATE (CAS: 108-65-6)

**DNEL**

Consumer - Oral; Long term systemic effects: 1.67 mg/kg/day  
 Consumer - Dermal; Long term systemic effects: 54.8 mg/kg/day  
 Workers - Dermal; Long term systemic effects: 153.5 mg/kg/day  
 Consumer - Inhalation; Long term systemic effects: 33 mg/m<sup>3</sup>  
 Workers - Inhalation; Long term systemic effects: 275 mg/m<sup>3</sup>

**PNEC**

- Fresh water; 0.635 mg/l
- Sediment (Freshwater); 3.29 mg/kg
- Sediment (Marinewater); 0.329 mg/kg
- Soil; 0.29 mg/kg

### BUTANONE (CAS: 78-93-3)

**DNEL**

Consumer - Dermal; Long term systemic effects: 412 mg/kg/day  
 Consumer - Oral; Long term systemic effects: 31 mg/kg/day  
 Workers - Dermal; Long term systemic effects: 1161 mg/kg/day  
 Consumer - Inhalation; Long term systemic effects: 106 mg/m<sup>3</sup>  
 Workers - Inhalation; Long term systemic effects: 600 mg/m<sup>3</sup>

**PNEC**

- Fresh water; 55.8 mg/l
- Sediment (Freshwater); 284.7 mg/kg
- Intermittent release; 55.8 mg/l
- Sediment (Marinewater); 284.7 mg/kg
- Marine water; 55.8 mg/l
- STP; 709 mg/l
- Soil; 22.5 mg/kg

### 1-METHOXY-2-PROPANOL (CAS: 107-98-2)

**DNEL**

Consumer - Oral; Long term systemic effects: 3.3 mg/kg/day  
 Consumer - Dermal; Long term systemic effects: 18.1 mg/kg/day  
 Consumer - Dermal; Long term systemic effects: 50.6 mg/kg/day  
 Workers - Inhalation; Short term local effects: 553.5 mg/m<sup>3</sup>  
 Consumer - Inhalation; Long term systemic effects: 43.9 mg/m<sup>3</sup>  
 Workers - Inhalation; Long term systemic effects: 369 mg/m<sup>3</sup>

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<b>PNEC</b>	<ul style="list-style-type: none"> <li>- Fresh water; 10 mg/l</li> <li>- Sediment (Freshwater); 41.6 mg/kg</li> <li>- Intermittent release; 100 mg/l</li> <li>- Sediment (Marinewater); 4.17 mg/kg</li> <li>- Marine water; 1 mg/l</li> <li>- Soil; 2.47 mg/kg</li> </ul>
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### DIMETHYL SULFOXIDE (CAS: 67-68-5)

<b>DNEL</b>	<p>Workers - Inhalation; Long term systemic effects: 394 mg/m<sup>3</sup></p> <p>Workers - Dermal; Long term systemic effects: 400 mg/kg/day</p> <p>Consumer - Inhalation; Long term systemic effects: 70 mg/kg/day</p> <p>Consumer - Oral; Long term systemic effects: 100 mg/kg/day</p> <p>Consumer - Dermal; Long term systemic effects: 200 mg/kg/day</p>
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<b>PNEC</b>	<ul style="list-style-type: none"> <li>- Fresh water; 1.2 mg/l</li> <li>- Marine water; 1.7 mg/l</li> <li>- Sediment; 13.4 mg/kg</li> <li>- Soil; 3.02 mg/kg</li> <li>- STP; 11 mg/l</li> <li>- ;</li> </ul>
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### LITHIUM CHLORIDE (CAS: 7447-41-8)

<b>DNEL</b>	<p>Workers - Inhalation; Short term systemic effects: 8.06 mg/m<sup>3</sup></p> <p>Workers - Inhalation; Long term systemic effects: 2.69 mg/m<sup>3</sup></p> <p>Workers - Dermal; Short term systemic effects: 100 mg/kg/day</p> <p>Workers - Dermal; Long term systemic effects: 30.54 mg/kg/day</p> <p>Consumer - Inhalation; Short term systemic effects: 3.48 mg/m<sup>3</sup></p> <p>Consumer - Inhalation; Long term systemic effects: 1.16 mg/m<sup>3</sup></p> <p>Consumer - Oral; Short term systemic effects: 9.16 mg/kg</p> <p>Consumer - Oral; Long term systemic effects: 3.05 mg/kg/day</p> <p>Consumer - Dermal; Short term systemic effects: 50 mg/kg/day</p> <p>Consumer - Dermal; Long term systemic effects: 30.54 mg/kg/day</p>
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<b>PNEC</b>	<ul style="list-style-type: none"> <li>- Fresh water; 1.2 mg/l</li> <li>- Marine water; 0.12 mg/l</li> <li>- Intermittent release; 1.58 mg/l</li> <li>- STP; 140.2 mg/l</li> <li>- Sediment (Freshwater); 4.78 mg/kg</li> <li>- Sediment (Marinewater); 0.478 mg/kg</li> <li>- Soil; 0.24 mg/kg</li> </ul>
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## 8.2. Exposure controls

<b>Eye/face protection</b>	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.
<b>Hand protection</b>	No specific hand protection recommended.
<b>Other skin and body protection</b>	Wear suitable protective equipment for prolonged exposure and/or high concentrations of vapours, spray or mist.
<b>Respiratory protection</b>	No specific recommendations. If ventilation is inadequate, suitable respiratory protection must be worn.

## **SECTION 9: Physical and Chemical Properties**

### 9.1. Information on basic physical and chemical properties



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<b>Appearance</b>	Liquid.
<b>Colour</b>	Various colours.
<b>Odour</b>	Solvent.
<b>Odour threshold</b>	No information available.
<b>pH</b>	No information available.
<b>Melting point</b>	No information available.
<b>Initial boiling point and range</b>	56 (56 to 143)°C @
<b>Flash point</b>	-18°C CC (Closed cup).
<b>Evaporation rate</b>	No information available.
<b>Evaporation factor</b>	No information available.
<b>Flammability (solid, gas)</b>	No information available.
<b>Upper/lower flammability or explosive limits</b>	Lower flammable/explosive limit: 0.8 % Upper flammable/explosive limit: 15.0 %
<b>Vapour pressure</b>	No information available.
<b>Vapour density</b>	No information available.
<b>Relative density</b>	Approx 0.8
<b>Solubility(ies)</b>	Insoluble in water.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	270°C
<b>Decomposition Temperature</b>	No information available.
<b>Viscosity</b>	No information available.
<b>Explosive properties</b>	No information available.
<b>Oxidising properties</b>	No information available.
<b>9.2. Other information</b>	
<b>Other information</b>	None.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity** No test data specifically related to reactivity available for this product or its ingredients.

#### 10.2. Chemical stability

**Stability** The product may not be stable under some conditions of storage or use.

#### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** None known.

#### 10.4. Conditions to avoid

**Conditions to avoid** Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight.

#### 10.5. Incompatible materials

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**Materials to avoid** None known.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** None at ambient temperatures.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - dermal

**ATE dermal (mg/kg)** 40,983.61

#### Acute toxicity - inhalation

**ATE inhalation (vapours mg/l)** 409.84

**Inhalation** Vapours in high concentrations are narcotic. Vapours may cause headache, fatigue, dizziness and nausea.

**Skin contact** Skin irritation should not occur when used as recommended.

**Eye contact** Causes eye irritation.

**Acute and chronic health hazards** No known chronic or acute health risks.

**Route of entry** Inhalation Skin and/or eye contact

### Toxicological information on ingredients.

#### ETHANOL

##### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 7,060.0

**Species** Rat

**ATE oral (mg/kg)** 7,060.0

##### Acute toxicity - dermal

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 2,001.0

**Species** Rabbit

**ATE dermal (mg/kg)** 2,001.0

##### Acute toxicity - inhalation

**Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l)** 20,000.0

**Species** Rat

**ATE inhalation (vapours mg/l)** 20,000.0

#### ACETONE

##### Acute toxicity - oral

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Acute toxicity oral (LD <sub>50</sub> mg/kg)	5,800.0
Species	Rat
ATE oral (mg/kg)	5,800.0
<u>Acute toxicity - dermal</u>	
Acute toxicity dermal (LD <sub>50</sub> mg/kg)	7,800.0
Species	Rabbit
ATE dermal (mg/kg)	7,800.0
<u>Acute toxicity - inhalation</u>	
Acute toxicity inhalation (LC <sub>50</sub> vapours mg/l)	21.0
Species	Rat
ATE inhalation (vapours mg/l)	21.0

### XYLENE

<u>Acute toxicity - oral</u>	
Acute toxicity oral (LD <sub>50</sub> mg/kg)	4,300.0
Species	Rat
ATE oral (mg/kg)	4,300.0
<u>Acute toxicity - dermal</u>	
Acute toxicity dermal (LD <sub>50</sub> mg/kg)	3,200.0
Species	Rabbit
ATE dermal (mg/kg)	1,100.0
<u>Acute toxicity - inhalation</u>	
ATE inhalation (vapours mg/l)	11.0

### 2-METHOXY-1-METHYLETHYL ACETATE

<u>Acute toxicity - oral</u>	
Acute toxicity oral (LD <sub>50</sub> mg/kg)	5,001.0
Species	Rat
ATE oral (mg/kg)	5,001.0
<u>Acute toxicity - dermal</u>	
Acute toxicity dermal (LD <sub>50</sub> mg/kg)	5,001.0

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Species	Rabbit
ATE dermal (mg/kg)	5,001.0

### BUTANONE

#### Acute toxicity - oral

Acute toxicity oral (LD <sub>50</sub> mg/kg)	2,194.0
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Species	Rat
ATE oral (mg/kg)	2,194.0

#### Acute toxicity - dermal

Acute toxicity dermal (LD <sub>50</sub> mg/kg)	5,001.0
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Species	Rabbit
ATE dermal (mg/kg)	5,001.0

### 1-METHOXY-2-PROPANOL

#### Acute toxicity - oral

Acute toxicity oral (LD <sub>50</sub> mg/kg)	5,660.0
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Species	Rat
ATE oral (mg/kg)	5,660.0

#### Acute toxicity - dermal

Acute toxicity dermal (LD <sub>50</sub> mg/kg)	13,000.0
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Species	Rabbit
ATE dermal (mg/kg)	13,000.0

#### Acute toxicity - inhalation

Acute toxicity inhalation (LC <sub>50</sub> vapours mg/l)	54.6
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Species	Rat
ATE inhalation (vapours mg/l)	54.6

### LITHIUM CHLORIDE

#### Acute toxicity - oral

ATE oral (mg/kg)	500.0
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## SECTION 12: Ecological Information

### 12.1. Toxicity

#### Ecological information on ingredients.

### ETHANOL

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Acute toxicity - fish	LC <sub>50</sub> , 96 hours: 1030 mg/l, Fish
Acute toxicity - aquatic invertebrates	EC <sub>50</sub> , 24 hours: 101 mg/l, Daphnia magna

### ACETONE

Acute toxicity - fish	EC <sub>50</sub> , 96 hours: 8300 mg/l, Lepomis macrochirus (Bluegill)
Acute toxicity - aquatic invertebrates	EC <sub>50</sub> , : 8800 mg/l, Daphnia magna

### XYLENE

Acute toxicity - fish	LOEC, : >1 - <10 mg/l, Fish
Acute toxicity - aquatic plants	LOEC, : >1 - <10 mg/l, Algae

### 2-METHOXY-1-METHYLETHYL ACETATE

Acute toxicity - fish	LOEC, : >100 mg/l, Fish
Acute toxicity - aquatic plants	LOEC, : >100 mg/l, Algae
Acute toxicity - microorganisms	LOEC, : >100 mg/l, Activated sludge

### BUTANONE

Acute toxicity - fish	LC <sub>50</sub> , 24 hours: 5001 mg/l, Fish
Acute toxicity - aquatic plants	LOEC, : 101 mg/l, Algae

### 1-METHOXY-2-PROPANOL

Acute toxicity - fish	LC <sub>50</sub> , 96 hours: 20800 mg/l, Pimephales promelas (Fat-head Minnow)
Acute toxicity - aquatic invertebrates	EC <sub>50</sub> , 48 hours: 23300 mg/l, Daphnia magna
Acute toxicity - aquatic plants	EC <sub>50</sub> , : 1001 mg/l, Selenastrum capricornutum

#### 12.2. Persistence and degradability

**Persistence and degradability** No data available.

#### 12.3. Bioaccumulative potential

**Partition coefficient** No information available.

#### 12.4. Mobility in soil

**Mobility** No data available

#### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

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### 12.6. Other adverse effects

**Other adverse effects**                      None known.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**General information**                      Dispose of waste product or used containers in accordance with local regulations

**Disposal methods**                         Containers should be thoroughly emptied before disposal because of the risk of an explosion.  
Do not pierce or burn, even after use.

### SECTION 14: Transport information

#### 14.1. UN number

UN No. (ADR/RID)                          1993

UN No. (IMDG)                              1993

UN No. (ICAO)                               1993

UN No. (ADN)                                1993

#### 14.2. UN proper shipping name

Proper shipping name (ADR/RID)        FLAMMABLE LIQUID, N.O.S.

Proper shipping name (IMDG)            FLAMMABLE LIQUID, N.O.S.

Proper shipping name (ICAO)            FLAMMABLE LIQUID, N.O.S.

Proper shipping name (ADN)            FLAMMABLE LIQUID, N.O.S.

#### 14.3. Transport hazard class(es)

ADR/RID class                                3

ADR/RID classification code            F1

ADR/RID label                                3

IMDG class                                    3

ICAO class/division                        3

ADN class                                      3

#### Transport labels



#### 14.4. Packing group

ADR/RID packing group                    III

IMDG packing group                        III

ADN packing group                         III

ICAO packing group                        III

#### 14.5. Environmental hazards

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Environmentally hazardous substance/marine pollutant  
No.

### 14.6. Special precautions for user

EmS	F-E, S-E
ADR transport category	3
Emergency Action Code	•3Y
Hazard Identification Number (ADR/RID)	30
Tunnel restriction code	(D/E)

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

#### SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation	Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
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### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

#### SECTION 16: Other information

Revision date	07/12/2015
Revision	1
SDS number	6131
Hazard statements in full	H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H315 Causes skin irritation. H319 Causes serious eye irritation. H332 Harmful if inhaled. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H360D May damage the unborn child. H373 May cause damage to organs through prolonged or repeated exposure. H411 Toxic to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.