

# MATERIAL SAFETY DATA SHEET

## CLASSIFICATION OF MATERIAL:

*Hazardous under Worksafe Australia Guidelines*

## COMPANY DETAILS

COMPANY	Delshine Chemicals
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## IDENTIFICATION

**Product Name:** Acrylic Thinner

Other Names: Not applicable

UN Number:	1263	
Hazchem Code:	3[Y]E	Packaging Group: 11
Dangerous Goods Class:	3	
Sub Risk:	None Allocated	
Poisons Schedule:	S5	
Use:	Solvent, thinner.	

## PHYSICAL DESCRIPTION / PROPERTIES

Appearance: Colourless liquid with a strong odour.

Boiling Point (°C): 100 -120°C      Melting Point: No data

Specific Gravity Kg/Lt: 0.98

Vapour Pressure  
(Pa or mm of Hg at 25°C): - 31.5

### Physical Description/Properties cont.

Flashpoint (°C):	<18°C	Volatiles:	100%
Flammability Limits (%):	Not applicable	Explosion Limits:	LEL 1.2%, UEL: 6.8%
Solubility in Water (g/L):	Negligible (<0.1% mass)	PH:	Not pertinent.
Other properties:	Not applicable		

### INGREDIENTS

Chemical Entity:	CAS No:	Proportion (% mass)
Toluene	108-88-3	30-60%
Xylene	1330-20-7	<10%
Acetone	67-64-1	30-60%
Cyclohexanone	108-94-1	<10%

### HEALTH HAZARD INFORMATION

#### HEALTH EFFECTS

- Swallowed:** Ingestion may cause symptoms of stomach pain, nausea and vomiting. Ingestion of large doses may cause unconsciousness. If vomiting occurs after swallowing, small droplets of liquid may enter the lungs (aspiration) with the risk of chemical pneumonia being induced.
- Eye:** Liquid may cause moderate to severe eye irritation, vapour is irritating.
- Skin:** Irritating. Contact with the product may defat the skin and contribute to dermatitis. The product may be absorbed through intact skin.
- Inhaled:** Irritating. Inhalation may cause headache, nausea and dizziness. Higher concentrations may cause unconsciousness and coma. Death may result from severe and continued over exposure.
- Chronic:** Inhalation, ingestion and skin contact are the routes of entry into the body. Prolonged or repeated exposure to this product may cause central nervous system damage. The liquid defats the skin and prolonged or repeated contact may contribute to dermatitis.

## FIRST AID

**Swallowed:** Never give an unconscious person anything to drink nor attempt to induce vomiting. If person is conscious, rinse mouth out with water ensuring the mouthwash is not swallowed. Give 2 glasses of water to drink. Do not attempt to induce vomiting. Seek urgent medical attention.

**Eye:** Hold eyelids open and rinse the eye continuously with a gentle stream of clean running water for at least 15 minutes. Seek medical attention.

**Skin:** Remove contaminated clothing and wash thoroughly with soap and water. Use water alone, if soap is unavailable. Apply a moisturising hand cream, if available. Seek medical attention if any soreness or inflammation of the skin persists or develops later. Launder affected clothing before re-use.

**Inhaled:** Remove to fresh air. Keep warm and at rest. If breathing is laboured, hold in a half upright position (this assists respiration). Apply artificial respirator if breathing has stopped. Seek urgent medical attention for all but the most minor cases of over-exposure.

**Advice to Doctor:** Because of the risk of aspiration, gastric lavage should only be undertaken after endotracheal intubation.

**First Aid Facilities:** Ensure an eye bath and safety shower are available and ready to use.

## PRECAUTIONS FOR USE

### Exposure Standards

Toluene (108-88-3): E.S. TWA 100ppm 377mg/m<sup>3</sup>, STEL: 150ppm, 565mg/m<sup>3</sup>

Xylene (1330-20-7): E.S. TWA 80ppm, 350mg/m<sup>3</sup>, STEL: 150ppm, 655mg/m<sup>3</sup>

Acetone (67-64-1): E.S. TWA 500ppm, 1185mg/m<sup>3</sup>, STEL: 1000ppm, 2375mg/m<sup>3</sup>

Cyclohexanone (108-94-1): E.S. TWA 300ppm, 1030mg/m<sup>3</sup>

**Engineering Controls:** Ventilation requirements depend on the quantity of product in use and the method of application. Work area should have good, mechanical ventilation. Where practical, spray painting should be undertaken in a spraying booth, equipped with extraction ventilation complying with state regulations. Otherwise, local exhaust ventilation should be considered.

## PERSONAL PROTECTION

**Eye:** Chemical safety goggles.

**Hand:** PVA Gloves.

## Personal Protection cont.

Respirator Type: A half face respirator with particulate filter is required for all spray painting applications.

Protective Clothing: Overalls.

## SAFE HANDLING INFORMATION

Storage & Transport: Class 3 flammable liquids should not be transported or stored with goods of Class 1 (explosives), Class 2.1 (flammable gases, where both the flammable liquid and gases are in bulk), Class 2.3 (poisonous gases), Class 4.2 (spontaneously combustible materials), Class 6.1 (oxidising agents), Class 6 (poisonous (toxic) substances, where the flammable liquid is nitroethane), Class 7 (radioactive substances).

Store in a flammable liquids area, designated no smoking, away from all sources of ignition, out of direct sunlight in a cool well ventilated area below 25°C. Higher temperatures may cause pressure build up inside containers. Protect containers against physical damage. Ventilation along the floor is advised for bulk storage.

Incompatibilities: No data.

Spills: Remove unnecessary personnel from the effected area. Wear protective equipment as specified for handling. Cover with absorbent such as earth, sand or commercial absorbent. Sweep up and collect in sealable containers. Dispose to approved land fill.

Disposal: If possible return to supplier. Otherwise, dispose by controlled incineration or to an approved land fill.

Flammability: Highly flammable.

Fire/Explosion Hazard: Highly flammable. Solvent vapours can form explosive mixtures with air in poorly ventilated conditions. Containers may explode if heated. Vapour is heavier than air and may travel along the ground, distant ignition is possible. Wear self contained breathing apparatus. If possible remove containers from the vicinity of the fire. Otherwise keep containers as cool as possible by spraying with water from a protected position. Water is not effective for fire fighting and direct contact with water should be avoided.

Acceptable Extinguishing

Methods: Foam, powder (bicarbonate or ammonium phosphate based) or carbon dioxide.

<b>OTHER INFORMATION</b>
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**Hazard Classification**

Xn Harmful

**Risk Phrases**

R11 Highly Flammable.  
R20/21 Harmful by inhalation and in contact with skin.  
R38 Irritating to skin.

**Safety Phrases**

S2 Keep out of reach of children.  
S16 Keep away from sources of ignition.  
S25 Avoid contact with eyes.  
S29 Do not empty into drains.  
S33 Take precautionary measures against static discharge.

**CONTACT POINT – Les Buss – TELEPHONE (08) 9309 4222**

**AUTHORISATION FOR ISSUE**

\_\_\_\_\_ **Les Buss**

**DATE**

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