

Material Safety Data Sheet

ACRYLIC THINNER

Infosafe™ LPSJM **Issue** January 2009 **Status** ISSUED by **BS:**
No. **Date** OILCHEM 1.10.9

Classified as hazardous according to criteria of NOHSC

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name ACRYLIC THINNER

Product Code 0545503

Company Name Oilchem Pty Ltd

Address 55-57 Miller Road Epping
Victoria 3076

Emergency Tel. 1800 638 556 24 hr

Telephone/Fax Number Tel: (03) 9401-3377
Fax: (03) 9401-4657

Recommended Use Industrial solvent.

Other Names Not Available

Other Information This Material Safety Data Sheet (MSDS) is accurate and up to date as possible. Since we cannot anticipate nor control the conditions under which this information may be used each user should review the information in the specific context of the information. We, the issuer of this information, will not be responsible for damages of any nature resulting from these or the reliance upon this information. No warranty expressed or implied are given other than those mandatory by Commonwealth, State or Territory Legislation

2. HAZARDS IDENTIFICATION

Hazard Classification HAZARDOUS SUBSTANCE.
DANGEROUS GOODS.

Hazard classification according to the criteria of NOHSC.

Dangerous goods classification according to the Australia Dangerous Goods Code.

Risk Phrase(s) R11 Highly flammable.
R38 Irritating to skin.
R63 Possible risk of harm to the unborn child.
R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness and cracking.
R67 Vapours may cause drowsiness and dizziness
R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety Phrase(s) S2 Keep out of reach of children.
S9 Keep container in a well ventilated place.
S16 Keep away from sources of ignition - No smoking.
S23 Do not breathe gas/fumes/vapour/spray
S51 Use only in well ventilated areas.
S61 Avoid release to the environment. Refer to special instructions/safety data sheet.
S24/25 Avoid contact with skin and eyes.

3. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical
Characterization** Liquid

Ingredients	Name	CAS	Proportion
	Solvent naphtha, petroleum, light aromatic	64742-95-6	30-60 %
	Toluene	108-88-3	10-30 %
	Other ingredients determined not be hazardous	Not required	Balance

4. FIRST AID MEASURES

Inhalation If inhaled, remove from contaminated area. Apply artificial respiration if not breathing. Seek medical attention.

Ingestion DO NOT induce vomiting. Wash out mouth with water. Seek IMMEDIATE medical attention.

Skin Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or

discard. Seek medical attention.

Eye	If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed off completely. Seek immediate medical attention.
First Aid Facilities	Eye wash station, safety shower and normal washroom facilities.
Advice to Doctor	Treat symptomatically.
Other Information	For advice, contact a Poisons Information Centre (Phone eg Australia 131 126)

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Water spray, carbon dioxide, foam, dry chemical.
Hazards from Combustion Products	Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide and carbon dioxide.
Specific Hazards	Highly flammable. Vapours are heavier than air and will travel to low-level areas and flashback. Precautions should be taken to eliminate the build up of explosive mixtures.
Hazchem Code	•3YE
Precautions in connection with Fire	Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode. Water spray may be used to keep fire exposed containers cool.
Unsuitable Extinguishing Media	Do NOT use high volume water jet.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures	Remove all sources of ignition. Increase ventilation. Evacuate all unprotected personnel. Wear full protective equipment and clothing to minimise exposure. If possible contain the spill. Place inert, non combustible, absorbent material onto spillage. Use clean non-sparking tools to collect the material and place into a suitable labelled container. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.
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7. HANDLING AND STORAGE

Precautions for Safe Handling Use in a well ventilated area. Prohibit sources of sparks, ignition and naked flames. Wear appropriate protective equipment. Build-up of vapour or mist in the working atmosphere must be prevented. DO NOT enter confined spaces where vapour or mist may have collected. Keep containers closed when not in use. Prevent accumulation of static electricity and earth all equipment. Practice good personal hygiene, that is, always wash hands after handling, and before eating, drinking, smoking or using the toilet facilities. Keep containers closed when not in use.

Conditions for Safe Storage Highly flammable liquid for storage and handling purposes. Keep tightly closed in a dry, cool, banded well-ventilated area, out of direct sunlight. Avoid sparks, flames and other ignition sources. Store away from incompatible materials. Provide electrical earthing of equipment and electrical equipment useable in explosive atmospheres. Do NOT pressurise, cut, heat or weld containers as they may contain hazardous residues. For information on the design of the store-room reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids. Reference should also be made to all Local, State and Federal regulations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards No exposure standards have been established for this material by the Australian National Occupational Health & Safety Commission (NOHSC), however, the available exposure limits on the ingredients as provided by NOHSC are as follows:

Substance	TWA	STEL	NOTICES	
	ppm	mg/m ³	ppm	mg/m ³
Toluene	50	191	150	574

Sk

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

STEL (Short Term Exposure Limit): The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

'Sk' Notice: Absorption through the skin may be a significant source of exposure. The exposure standard is invalidated if such contact should occur.

Biological Limit Values No biological limit available

Engineering Controls Provide sufficient ventilation to keep airborne levels to least possible levels. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a flameproof exhaust ventilation system is recommended. Provide electrical earthing and equipment useable in explosive atmospheres. Refer to AS 1940-The storage and handling

of flammable and combustible liquids and AS 2430- Explosive gas atmospheres for further information concerning ventilation requirements.

Respiratory Protection Avoid breathing of vapours/mists. Where ventilation is inadequate and vapours/mists are generated, the use of an approved respirator with filter complying with AS/NZS 1715 and AS/NZS 1716 is recommended; however final choice of appropriate breathing protection is dependant upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. Reference should be made to Australian Standards AS/NZS 1715- Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716- Respiratory Protective Devices.

Eye Protection Chemical safety glasses or face shield recommended as appropriate. Final choice of appropriate eye/face protection will vary according to individual circumstances including methods of handling or engineering controls as determined by appropriate risk assessments. Eye protection should conform to Australian/New Zealand Standard AS/NZS 1337- Eye Protectors for Industrial Applications.

Hand Protection Impervious gloves recommended as appropriate. Eg. Nitrile. Final choice of appropriate glove type will vary according to individual circumstances, including methods of handling or engineering controls as determined by appropriate risk assessments. Refer to AS/NZS 2161 Occupational protective gloves- Selection, use and maintenance.

Body Protection The use of impervious clothing and boots are recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid
Appearance	Colourless liquid
Odour	Not available
Melting Point	Not available
Boiling Point	Not available
Solubility in Water	Not available
Specific Gravity	Not available
pH Value	Not applicable

Flash Point -1°C

Flammability Highly flammable.

Auto-Ignition Temperature Not available

Flammable Limits - Lower Not available

Flammable Limits - Upper Not available

10. STABILITY AND REACTIVITY

Chemical Stability Stable under normal conditions of storage and handling.

Conditions to Avoid Heat, direct sunlight, open flames or other sources of ignition.

Incompatible Materials Strong oxidising agents.

Hazardous Decomposition Products Thermal decomposition is highly dependent on conditions. Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon monoxide, carbon dioxide and other organic compounds.

Hazardous Polymerization Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information No toxicology data available for this product.

Inhalation Harmful: danger of serious damage to health by prolonged exposure through inhalation. May cause irritation to the mucous membrane and upper airways. Symptoms may include possible sneezing, coughing, wheezing, shortness of breath, headache, dizziness, nausea, vomiting, incoordination and narcosis. Vapours may cause drowsiness and dizziness.

Ingestion Harmful-may cause lung damage if swallowed. Subsequent to ingestion or vomiting, small amounts of liquid aspirated into the respiratory system may cause severe pulmonary injury that may lead to death. May also cause irritation to the gastrointestinal system. Symptoms may include possible nausea, vomiting, diarrhoea and abdominal pain.

Skin May cause irritation to skin, which can result in redness and itching. Absorption through the skin, with symptoms paralleling those following inhalation and

ingestion exposures.

Eye	May cause irritation to eye which can result in redness, swelling, itching, stinging and excessive tearing.
Chronic Effects	Repeated exposure may cause skin dryness and cracking. Persistent abuse involving repeated and prolonged exposures to high concentrations of vapour ('sniffing') has been reported to result in central nervous system damage and eventually death.
Reproductive Toxicity	Possible risk of harm to the unborn child. This product is classified as Toxic to reproduction Category 3 : - substances that cause concern for humans owing to possible developmental toxicity effects, according to the supplier.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Persistence / Degradability	No data is available for this material.
Mobility	No data is available for this material.
Environment Protection	Prevent substance from entering the environment.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations	The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.
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14. TRANSPORT INFORMATION

Transport Information	<p>This material is classified as a Class 3 (Flammable Liquid) Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. Dangerous goods of Class 3 (Flammable Liquid) are incompatible in a placard load with any of the following:</p> <ul style="list-style-type: none">- Class 1, Explosive- Class 2.1, Flammable Gas, if both the Class 3 and Class 2.1 dangerous goods are in bulk- Class 2.3, Toxic Gas- Class 4.2, Spontaneously Combustible Substance- Class 5.1, Oxidising Agent- Class 5.2, Organic Peroxide- Class 6.1, Toxic and Class 6.2 Infectious Substances, if the Class 3 dangerous goods are nitromethane- Class 7, Radioactive Substance
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U.N. Number 1993

Proper Shipping Name FLAMMABLE LIQUID, N.O.S. - Contains Toluene

DG Class 3

Hazchem Code •3YE

Packing Group II

EPG Number 3A1

IERG Number 14

15. REGULATORY INFORMATION

Regulatory Information Classified as Hazardous according to criteria of the National Occupational Health & Safety Commission (NOHSC) Australia.
Classified as a Scheduled Poison S5 according to the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

Poisons Schedule S5

Hazard Category Harmful, Irritant, Highly Flammable, Dangerous for the environment

16. OTHER INFORMATION

Date of preparation or last revision of MSDS Date reviewed: January 2009
Supersedes: May 2004

Contact Person/Point Poisons Information Centre 13 1126 (Australia Wide)

End of MSDS

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