

MATERIAL SAFETY DATA SHEET

CLASSIFICATION OF MATERIAL:

Non Hazardous under Worksafe Australia Guidelines

COMPANY DETAILS

COMPANY	Delshine Chemicals
ABN NUMBER	21 009 447 769
ADDRESS	30 Prindiville Drive, Wangara
FACSIMILE NUMBER	(08) 9309 4334
TELEPHONE NUMBER	(08) 9309 4222
EMERGENCY TELEPHONE NUMBER	041 992 7281

IDENTIFICATION

Product Name: Propylene Glycol

Other Names: Not Applicable

UN Number: None allocated

Hazchem Code: None allocated

Packaging Group: None allocated

Dangerous Goods Class: Not applicable

Sub Risk: Not applicable

Poisons Schedule: Not applicable

Use: Antifreeze solution.

PHYSICAL DESCRIPTION / PROPERTIES

Appearance: Colourless, odourless liquid.

Boiling Point (°C): 188

Melting Point: -60°C

Specific Gravity Kg/Lt: 1.038

Vapour Pressure
(Pa or mm of Hg at 25°C): Not applicable

Flashpoint (°C): (open cup) 99°C

Physical Description / Properties cont.

Flammability Limits (%): Lower explosion limit 2.6
Upper explosion limit 12.5

Solubility in Water (g/L): Soluble

PH: Not pertinent.

Other properties: Auto ignition temperature = 415°C

INGREDIENTS

Chemical Entity:	CAS No:	Proportion (% mass)
Propanediol	57-55-6	99.7%
Water	7732-18-5	0.2%

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

Swallowed: No hazards anticipated from ingestion.

Eye: May cause slight irritation, corneal irritation is unlikely.

Skin: No effect.

Inhaled: No effect.

Chronic: None known.

FIRST AID

Swallowed: No adverse effects anticipated, however if effects occur seek medical assistance.

Eye: Hold eyes open and irrigate with running water for at least 15 minutes, if irritation persists see a doctor.

Skin: Wash skin with water. If any effects seek medical attention.

Inhaled: No adverse effects anticipated.

Advice to Doctor: Treat symptomatically.

PRECAUTIONS FOR USE

Exposure Standards None for propylene glycol.

Engineering Controls: Ensure adequate ventilation.

PERSONAL PROTECTION

Eye: Safety glasses / goggles.

Hand: P.V.C. or rubber gloves.

Respirator Type: None required.

Protective Clothing: Overalls.

SAFE HANDLING INFORMATION

Storage: Store in a cool, dry place away from direct light.

Transport: No restrictions.

Incompatibilities: Do not store with oxidisers.

Spills: Eliminate all sources of ignition. Large spill dam around spill and pump into suitable containers, small spills cover with absorbent material and sweep up, collect into container for disposal

Disposal: Refer to local and state trade waste regulations.

Flammability: Combustible.

Fire/Explosion Hazard: Combustible material, hazardous decomposition include Propionaldehyde, carbon monoxide in fire situation.

Acceptable Extinguishing Methods: Fire fighters to use self contained breathing apparatus, use equipment appropriate for surrounding fire conditions.

OTHER INFORMATION

Hazard Classification

Classified non hazardous under Worksafe Australia Guidelines.

Risk Phrase

None allocated.

Safety Phrases

S2 Keep out of reach of children.

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

AUTHORISATION FOR ISSUE

Les Buss

DATE

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