

MATERIAL SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product (material) Name: DMP. Catalogue # C052.
Other Names: 2,2-Dimethoxypropane
Recommended Use: A dehydration agent.

Supplier Name: ProSciTech
Postal Address: PO Box 111, Thuringowa Central Qld. 4817 Australia
Street Address: 1/11 Carlton Street, Kirwan, Qld. 4817 Australia
Telephone Number: (07) 4773 9444
Fax Number: (07) 4773 2244
Emergency Contact: (07) 4773 9444 8:30am – 5:00pm, Monday to Friday

SECTION 2 - HAZARDS IDENTIFICATION

Hazard Classification: Hazardous according to criteria of NOHSC.
Risk Phrases:
Safety Phrases:

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE:
Chemical Identity: DMP
Common Name(s): 2,2-Dimethoxypropane
CAS Number(s): 77-76-9

MIXTURE:

Ingredients	Cas Number(s)	Proportion (%)
2,2-Dimethoxypropane	77-76-9	100

SECTION 4 - FIRST AID MEASURES

Swallowed: DO NOT induce vomiting, loosen tight clothing (eg. tie, collar, belt). If victim is not breathing perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Eye: Remove any contact lenses and rinse eyes for at least 15 minutes. Do not use eye ointment. Seek medical attention.

Skin: Wash contaminated area with plenty of soap and running water, making sure to clean any folds, crevices or creases and groin. Cover irritated skin with an emollient. If irritation persists seek medical attention. Wash contaminated clothing before reuse.

Inhaled: If inhalation is slight rest the person in a well ventilated area and seek immediate medical attention. If inhalation is serious evacuate the person to a safe area, loosen tight clothing (eg. belt, tie). If breathing is difficult administer oxygen. If person is not breathing perform mouth-to-mouth resuscitation. **WARNING:** It may be hazardous to person providing aid to give mouth-to-mouth resuscitation when inhaled material is toxic, infectious or corrosive. Seek immediate medical attention.

First Aid Facilities: Safety shower, Eyebath.
Medical Attention & Special Treatment:

ADDITIONAL INFORMATION:

SECTION 5 - FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Dry chemical powder, alcohol foam, water spray or fog.
Hazards from Combustion Products: Carbon monoxide, Carbon dioxide.

Precautions for Fire Fighters: Wear appropriate protection clothing. Cool containers with water jet in order to prevent pressure build-up, auto-ignition or explosion.

Hazchem Code:

SECTION 6 - ACCIDENTAL RELEASE MEASURES**Emergency Procedures:**

Containment and clean up: Remove all sources of ignition and heat. Keep spill from leaking, prevent entry into sewers, basements, or confined areas. Wear appropriate protective equipment. Absorb with an inert material (dry earth, sand or non-combustible material) and store in sealable containers for waste disposal.

SECTION 7 - HANDLING & STORAGE

Precautions for Safe Handling: Keep away from heat and sources of ignition. Ground all equipment containing material. Do not ingest or breathe gas/fumes/vapours/spray. Wear suitable protective equipment. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidising agents, acids.

Conditions for Safe Storage: Keep away from heat and sources of ignition. Store in a cool, well ventilated area. Keep container tightly sealed.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards: No exposure standard allocated.

Biological Limit Values: No biological limit allocated.

Engineering Controls: Provide exhaust ventilation. Ensure eyebaths and safety showers are proximal to work areas.

Personal Protective Equipment: Splash goggles, lab coat, vapour respirator (use an approved/certified one) and gloves. If containing a large spill it is recommended to use: splash goggles, full suit, vapour respirator, boots, gloves, self-contained breathing apparatus. This protective clothing might not be sufficient, consult a specialist before handling this product.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Appearance: Clear liquid.
Odour: Not available.
pH: Not available.
Vapour pressure: Not available.
Vapour density: Not available.
Boiling point/range: 80°C.
Freezing/melting point: Not available.
Solubility: Not available.
Specific gravity or density: Not available.
Flash Point: -11°C (closed cup).
Flammable (explosive) limits: Not available.
Ignition temperature: Not available.
Additional Information: Molecular Weight: 104.15 g/mole.

SECTION 10 - STABILITY AND REACTIVITY

Chemical stability: Stable.
Conditions to avoid: Heat/ sources of ignition.
Incompatible Materials: Oxidising agents, acids.
Hazardous Decomposition Products: Carbon dioxide, Carbon monoxide.
Hazardous Reactions:

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute and chronic health effects: Not available.
Possible routes of exposure: Skin/Eye contact. Ingestion. Inhalation.
Range of effects following exposure: Irritates lungs, skin and eyes. Causes skin sensitisation.
Dose likely to cause injury:
Delayed effects:
Relevant negative data:

SECTION 12 – ECOLOGICAL INFORMATION**Ecotoxicity:****Persistence and degradability:****Mobility:****Additional Information:****SECTION 13 - DISPOSAL CONSIDERATIONS**

Disposal Methods: Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all Federal, State and Local regulations and laws.

Special Precautions:**SECTION 14 - TRANSPORT INFORMATION**

UN Number: UN1993
UN Proper Shipping Name: Flammable Liquid
Class and Subsidiary risk: 3
Packing Group: II
Special Precautions for User:
Hazchem Code:

SECTION 15 - REGULATORY INFORMATION

Poison Schedule Number: None allocated

SECTION 16 - OTHER INFORMATION

Date of preparation of MSDS: 24 September 2007.
