

# MATERIAL SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** Glycerine

**Recommended Use:** Alkyd resins, dynamite, ester gums, pharmaceuticals, perfumery, plasticizer for regenerated cellulose, cosmetics, foodstuffs, conditioning tobacco, liquors, solvent, printers ink rolls, polyetherane polyols, emulsifying agent, rubber stamp and copying inks, binder for cements and mixes, special soaps, lubricant and softener, bacteriostat, penetrant, hydraulic fluid, humectants, fermentation nutrients, antifreeze mixtures.

**Supplier:** Midland Chemicals  
**ABN:** 91 622 018 986

**Street Address:** 18 Elliott Street  
Midvale  
Western Australia

**Telephone Number:** +61 08 9274 1992

**Facsimile:** +61 08 9250 1710

**Emergency Telephone:** **1 800 033 111 (ALL HOURS)**

## 2. HAZARDS IDENTIFICATION

Based on available information, not classified as hazardous according to criteria of ASCC; NON-HAZARDOUS SUBSTANCE.

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by

Road and Rail; NON-DANGEROUS GOODS.

**Risk Phrases:** Harmful if swallowed. Risk of damage to eyes.

**Safety Phrases:** Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves and eye/face protection. In case of accident or if you feel unwell, seek medical advice immediately (show the label whenever possible).

**Poisons Schedule:** N/A

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion	Risk Phrases
Glycerine	56-81-5	>97.0%	

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## 4. FIRST AID MEASURES

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor at once.

### **Inhalation:**

Remove victim from area of exposure - avoid becoming a casualty. If rapid recovery does not occur seek medical attention.

### **Skin Contact:**

Remove contaminated clothing. Wash affected area with soap and plenty of water. If irritation persists seek medical attention.

### **Eye Contact:**

Immediately wash in and around the eye area with large amounts of water for at least 15 minutes. Eyelids to be held apart. Remove clothing if contaminated and wash skin. If irritation persists seek medical assistance.

### **Ingestion:**

Immediately rinse mouth with water. If swallowed, do NOT induce vomiting. Drink copious amounts of water, Never give anything by mouth to an unconscious person. If vomiting occurs give further water. If symptoms develop seek immediate medical assistance.

### **Medical attention and special treatment:**

Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

### **Hazards from combustion products:**

Combustible liquid. Incompatible with oxidising agents, alkalies and sources of ignition. When involved in a fire, this product may generate carbon monoxide.

### **Precautions for fire fighters and special protective equipment:**

Fire fighters to wear positive pressure self contained breathing apparatus and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots, gloves). Clear fire area of all non-emergency personnel. Stay upwind. Keep out of low areas. Eliminate ignition source.

### **Suitable Extinguishing Media:**

Use: dry chemical, carbon dioxide, foam and water.

## 6. ACCIDENTAL RELEASE MEASURES

### **Emergency procedures:**

Clear area of all unprotected personnel. If heavy concentration of contamination of sewers or waterways has occurred advise local emergency services, or Environmental Protection Authority. Personnel involved in clean up should wear full protective clothing. Eliminate all ignition sources. Stop leak if safe to do so. Increase ventilation. Avoid walking through spilled product as it may be slippery. Use clean, non-sparking tools and equipment.

### **Methods and materials for containment and clean up:**

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Soak up spilled product using absorbent non-combustible material such as sand or soil. Avoid using sawdust or cellulose. When saturated, collect the material and transfer to a suitable, labelled chemical waste container and dispose of promptly.

## 7. HANDLING AND STORAGE

This material must be stored, maintained and used in accordance with the relevant regulations.

### Conditions for safe storage:

Store in a well ventilated place and out of direct sunlight. Store away from incompatible materials described in Section 10. Store away from foodstuffs. Keep containers closed when not in use - check regularly for leaks.

### Precautions for safe handling:

Avoid skin and eye contact and breathing in vapour, mists and aerosols. Ensure an eye bath and safety shower are available and ready for use.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational Exposure Limits:

Glycerin (mist) cas no: 56-81-5 TWA = 10MG/M<sup>3</sup>

### Engineering controls:

A system of local and/or general exhaust mist recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the containment at its source, preventing dispersion of it into the general work area.

### Personal Protective Equipment:

Respiratory – when airborne exposure guidelines and/or comfort levels exceeded, use an approved air-purifying respirator

Skin – wear impervious gloves when prolonged or frequently repeated exposure could occur.

Eyes – wear safety glasses. Where contact with liquids is likely, chemical goggles are recommended because eye contact with this material may cause pain. Though it is unlikely to cause injury. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using the toilet facilities. Promptly remove soiled clothing, wash thoroughly before re-use. Shower after work using plenty of soap and water.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Liquid

**Colour:** colourless

**Solubility:** Soluble

**Specific Gravity:** 1.26 (water-1)

**Relative Vapour Density (air=1):** Not available

**Vapour Pressure (20 °C):** 1 mm Hg (1 atm)

**Flash Point (°C):** >198.9°C

**Flammability Limits (%):** Not applicable

**Auto Ignition Temperature (°C):** Not applicable

**Boiling Point/Melting point (°C):** >290°C

**pH:** no data available

## 10. STABILITY AND REACTIVITY

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<b>Chemical stability:</b>	Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
<b>Conditions to avoid:</b>	avoid excessive heat, direct sunlight, moisture, static discharges and high temperatures.
<b>Incompatible materials:</b>	Incompatible with strong oxidising agents, alkalies and sources of ignition. Do not mix with other chemicals.
<b>Hazardous decomposition products:</b>	When involved in a fire, this product may generate carbon monoxide.
<b>Hazardous reactions:</b>	None known.

## 11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

<b>Ingestion:</b>	may cause gastro intestinal pain, nausea, vomiting, and diarrhoea.
<b>Eye contact:</b>	Irritating
<b>Skin contact:</b>	Slight Irritation
<b>Inhalation:</b>	vapours may cause irritation.
<b>Long Term Effects:</b>	No information available for the product.
<b>Toxicological Data:</b>	no data available

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	Avoid contaminating waterways with heavy concentration.
<b>Persistence and degradability</b>	this product is biodegradable.

## 13. DISPOSAL CONSIDERATIONS

<b>Disposal methods:</b>	Dispose of in accordance with all local, state and federal regulations. All empty packaging should be disposed of in accordance with Local, State, and Federal Regulations or recycled/reconditioned at an approved facility. After the process explained in section 6, Reprocess or burn in an approved incinerator in accordance with all Local, State and federal regulations at an approved waste disposal facility. Do not contaminate water supplies/pollute public waters. Do not flush to sewer.
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## 14. TRANSPORT INFORMATION

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## Road and Rail Transport

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

## Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.

## Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS.

## 15. REGULATORY INFORMATION

**Classification:** Based on available information, not classified as hazardous according to criteria of ASCC; NONHAZARDOUS SUBSTANCE.

**Hazard Category:**

**Risk Phrase(s):** R36: Irritating to Eyes

**Safety Phrase(s):**

S24/25: Avoid contact with skin and eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39: Wear suitable protective clothing, gloves and eye/face protection

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label whenever possible).

**Poisons Schedule:** N/A

## 16. OTHER INFORMATION

This material safety data sheet has been prepared by Midland Chemicals

This MSDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Midland Chemicals cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material. If clarification or further information is needed, the user should contact Midland Chemicals at the contact details on page 1.

Midland Chemical's responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.