

SAFETY DATA SHEET

Product: Glycool Premix 50

1. Product Identification

Product Details

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|--------------------|-------------------------------|
| Product Identifier | Glycool Premix 50 |
| Product Code | 6501 |
| Recommended Use | Engine Coolant (ready to use) |

Manufacturer or Supplier Details

| | |
|-----------|--|
| Supplier | Royal Precision Lubricants Pty Ltd (ABN 72 155 989 165) |
| Address | 40 Kimberly Road, DANDENONG SOUTH, VIC, 3175 |
| Telephone | +61 3 9768 2441 |
| Fax | +61 3 9768 3325 |

Emergency Telephone Number +61 7 3203 2833

Email info@royallubricants.com.au

2. Hazard(s) Identification

GHS Classification

Classified as Hazardous according to the Globally Harmonised System of Classification on and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Acute Toxicity – Oral: Category 4

STOT Repeated Exposure: Category 2

Signal Word (s)

WARNING

Hazard Statement (s)

Harmful if swallowed.

May cause damage to organs (kidneys) through prolonged or repeated exposure.

Pictogram (s)

Exclamation mark, Health hazard



Precautionary Statements

Precautionary Statements – Prevention

Avoid Breathing dust/fume/gas/mist/vapours/spray.
Wash contaminated skin thoroughly after handling.
Do not eat, drink or smoke when using this product.



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Precautionary Statements – Response

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
Rinse mouth.

Precautionary Statements – Disposal

Dispose of contents/container to an approved waste facility.

3. Composition / Information on Ingredients

Ingredients:

| Ingredient | % (w/w) | CAS Number |
|---|---------|------------|
| Monoethylene Glycol | 30-60% | 107-21-1 |
| Ingredients determined to be non-hazardous at the formulation concentration | to 100% | |

4. First Aid Measures

Eye contact:

Hold eyelids open and irrigate continuously with water for 15 minutes.
Seek medical advice.

Inhalation:

Remove victim from area of exposure – avoid becoming a casualty.
Remove contaminated clothing and loosen remaining clothing.
Allow patient to assume most comfortable position and keep warm.
Keep at rest until fully recovered.
Seek medical advice if symptoms persist.

Skin contact:

If skin or hair contact occurs, remove any contaminated clothing and wash skin and hair thoroughly with running water.
If irritation occurs seek medical assistance.

If swallowed:

Do NOT induce vomiting. Wash mouth out with water.
Give water to drink. Seek medical advice.

Protection of first-aiders:

When administering first aid, ensure that you are wearing the appropriate personal protective equipment according to the incident, injury and surroundings.

Notes to physician:

Treat symptomatically. Show this MSDS to the medical practitioner.

Other Information

For advice in an emergency, contact a Poisons Information Centre or a doctor at once.
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5. Fire Fighting Measures

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| Suitable Extinguishing Media: | Use water spray or fog, alcohol stable foam, dry chemical powder or carbon dioxide. |
| Hazards from Combustion Products: | Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches etc. Decomposes on heating and may produce toxic fumes. |
| Specific Methods: | Keep containers cool with water spray. Fire fighters to wear self contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion. |

6. Accidental Release Measures

| | |
|-------------------------------|--|
| Emergency Procedures: | Wear protective equipment to prevent skin and eye contact. Avoid breathing in vapours. Contain – prevent run off into drains and waterways. If contamination of sewers or waterways has occurred advise local emergency services. |
| Spills & Disposal: | Slippery when spilt. Clean up spills immediately. Collect and seal in properly labeled containers for disposal. Contain spills with inert absorbent material (eg. earth, sand). Transfer liquids and used absorbent material to separate suitable containers for recovery or disposal. |
| Personal Protection: | Gloves, chemical resistant boots and safety glasses/goggles are recommended. Breathing apparatus may be worn if ventilation is inadequate. |

7. Handling and Storage

| | |
|--|--|
| Precautions for Safe Handling: | Avoid skin and eye contact and breathing in vapour. Do not allow clothing wet with material to stay in contact with skin. |
| Conditions for safe storage, including any incompatibilities: | Store in a cool, dry, well ventilated place and out of direct sunlight. Store away from incompatible materials described in Section 10. Keep containers closed when not in use – check regularly for leaks or build up of pressure. Avoid reactions with oxidising agents & strong acids & strong alkalis. |

8. Exposure Control / Personal Protection

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| Occupational exposure limit values: | No value assigned for this specific material by Safe Work Australia. |
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Appropriate Engineering Controls: Use in well ventilated areas. Keep containers closed when not in use.

**Personal Protective Equipment
Respiratory Protection:**

OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES.
Use with adequate ventilation. If inhalation risk exists wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Always wash hands before smoking, eating, drinking or using the toilet.
Wash contaminated and other protective equipment before storage or reuse.

9. Physical and Chemical Properties

| | |
|----------------------------|---------------|
| Form | Liquid |
| Appearance | Green liquid |
| Odour | Slight |
| Melting Point | Not available |
| Boiling Point | >100°C |
| Solubility in Water | Miscible |
| pH Value | 8.5 – 9.8 |
| Specific Gravity | 1.05 – 1.07 |
| Flash Point | N/A |

10. Stability and Reactivity

Chemical stability: Product considered stable under normal conditions of use. Refer to Section 7 for incompatible materials.

Incompatible Materials: Avoid contact with oxidising agents, strong acids and strong alkalis.

11. Toxicological Information

Ingestion: Swallowing can result in nausea, vomiting and diarrhea and abdominal pain.

Inhalation: May cause respiratory tract irritation, drowsiness and dizziness.

Skin: Contact with skin can result in irritation.

Eye: May be an eye irritant.

Chronic Effects: Repeated or prolonged skin contact may cause dermatitis.
The toxic effects of glycol are similar to those of alcohol, with depression of the nervous system, nausea, vomiting and degenerative changes in the liver and kidney.

12. Ecological Information

Ecotoxicity: Not considered hazardous for the environment based on the currently available information.



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13. Disposal Considerations

Disposal Considerations: Refer to Waste Management Authority. Dispose if material through a licensed waster contractor. Empty containers must be decontaminated and destroyed. Normally suitable for incineration by an approved agent.

14. Transport Information

Transport Information: Store away from oxidising agents. Store in a cool, dry place.
Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

UN Number: None Allocated

UN Proper Shipping Name: None Allocated

Transport Hazard Class(es): None Allocated

15. Regulatory Information

Poisons Schedule

S6

Australia (AICS)

All ingredients are listed on the Australian Inventory of Chemical Substances (AICS).

16. Other information

Date of Issue 17th July 2018

Abbreviations
ADG = Australian Dangerous Goods
GHS = Globally Harmonised System of Classification and Labelling of chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk container
IMDG = International Maritime Dangerous Goods
STEL = Short term exposure limit
TWA = time weighted average

References
Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.
Standard for the Uniform Scheduling of Medicines and Poisons.
Australian Code for the Transport of Dangerous Goods by Road & Rail.
Workplace exposure standards, Safe Work Australia.
Hazardous Substances/Chemicals Information System, Safe Work Australia.
Globally Harmonised System of classification and labelling of chemicals.
Raw material suppliers' SDS.

Other Information

Reason(s) for Issue: GHS Update

DO NOT MIX WITH OTHER CHEMICALS WITHOUT PRIOR CONSULTATION WITH THE MANUFACTURER. Always use product as directed.



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Never return any unused material to original drum.

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