



Safety Data Sheet

1. IDENTIFICATION OF THE MATERIAL AND THE SUPPLIER

Product Name	ANTI-FREEZE GULF 90 PLUS
Product Code	40003B (1,000L), 40003 (205L), 42003 (20L)
Product Use	Coolant Concentrate
Issue Date	August 2018
Company Name	Gulf Western Oil
Company Address	92 – 96 Links Rd St Marys NSW 2760 Australia
Telephone number / Fax	(02) 9673 9600 (phone) / (02) 9673 9696 (fax)
Emergency Telephone number	(02) 9673 9600 (business hours) or 131 126 (Poisons Information Centre)
Other Information	Not applicable

2. HAZARDS IDENTIFICATION

GHS classification of the substance/mixture

Classified as Hazardous according to the Globally Harmonised System of Classification 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)

DANGER

Hazard Statement (s)

Harmful if swallowed.

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



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Pictogram (s)

Exclamation mark, Health hazard, Flame



Precautionary statement – Prevention

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

Precautionary statement – Response

IF SWALLOWED: Immediately call a POISON CENTER, doctor/physician if you feel unwell.
Get medical advice/help if you feel unwell
Rinse mouth.

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

Wash contaminated clothing before reuse.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

If skin irritation occurs: Get medical advice/attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

Call a POISON CENTER or doctor/physician if you feel unwell.

In case of fire: Use foam, dry chemical powder or carbon dioxide for extinction.

Precautionary statement – Storage

Store in a cool place.

Store in a well-ventilated place. Keep container tightly closed.

Store locked up.



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Precautionary statement – Disposal

Dispose of contents/container to an approved waste facility.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Composition information

INGREDIENT NAME	CAS NO.	WEIGHT
Monoethylene Glycol	107-21-1	>90%
ingredients determined not to be hazardous	Not Required	to 100%

4. FIRST AID MEASURES

Inhaled

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.

Ingestion

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

Skin

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.

Eye

If contact occurs, immediately wash with running water for 15 minutes, holding eyelids open. Removal of contact lenses after eye injury should only be undertaken by skilled personnel.

First Aid Facilities

For advice, contact a Poisons Information Centre (Phone eg. Australia 131 126; New Zealand 0 800 764 766) or a doctor.

Advice to Doctor

Treat symptomatically.

5. FIRE FIGHTING MEASURES

Extinguishing Media

Combustible. Use water spray or fog, alcohol stable foam, dry chemical powder or carbon dioxide.



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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.

Hazardous Combustion Products

Avoid contamination with oxidising agents i. e. nitrates, oxidising acids, chlorine bleaches etc. Decomposes on heating and may produce toxic fumes.

Precautions

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face-piece operated in the pressure demand or other positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Ventilate area of leak or spill. Remove all sources of ignition. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material (e. g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. Do not flush to sewer! If a leak or spill has not ignited, use water spray to disperse the vapors, to protect personnel attempting to stop leak, and to flush spills away from exposures.

Personal Precautions

Wear appropriate personal protective equipment. Minimise skin contact. Slippery when spilt.

Precautions To Protect The Environment

Keep product out of sewers and watercourses by isolating or compounding. Advise authorities if product has entered or may enter sewers, watercourses or extensive land areas. Assure conformity with applicable government regulations.

Spill Clean up Procedures

Avoid contact with eyes or skin. Place leaking containers in well ventilated area. Avoid discharge to natural waterways. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material (e. g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. Do not flush to sewer! If a leak or spill has not ignited, use water spray to disperse the vapors, to protect personnel attempting to stop leak, and to flush spills away from exposures.



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7. HANDLING AND STORAGE

Corrosiveness

Not corrosive.

Handling

Do not reuse container. Keep lid closed when not in use. Do not store or mix with strong oxidizers. Avoid spilling.

Storage

Combustible liquid. 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 CONTROLS / PERSONAL PROTECTION

Exposure Limits

Worksafe exposure standard:-

No value assigned for this specific material by Safe Work Australia.

Appropriate Engineering Controls

Combustible liquid. Use in well ventilated areas. Keep containers closed when not in use.

Personal Protective Equipment

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.



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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance / Description	Clear, green liquid.
Boiling Point	>100°C
Solubility in Water	Miscible
Specific Gravity	1.11 g/mL
pH	8.0 – 9.7
Viscosity	Not applicable
Flash Point	116°C
Flammability	LEL – 3.2% ; UEL – 12.8 % by volume

10. STABILITY AND REACTIVITY

Stability

Stable under normal conditions.

Hazardous Polymerization

Will not occur.

Materials to Avoid

Strong oxidizing agents, strong acids and strong alkalis.

Hazardous Decomposition Products

Thermal decomposition and combustion produce noxious fumes containing oxides of carbon

Hazardous Reaction

Hazardous reaction with strong oxidizing agents

Conditions to Avoid

Heat, ignition sources. Avoid contact with acids and oxidizing substances.



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11. TOXICOLOGICAL INFORMATION

Toxicological Information

POTENTIAL HEALTH EFFECTS

Ingestion

Swallowing can result in nausea, vomiting, diarrhoea 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

May cause damage to organs through prolonged or repeated exposure. Repeated or prolonged skin contact may cause dermatitis.

The toxic effects of glycols are similar to those of alcohol, with depression of the central nervous system, nausea, vomiting, and degenerative changes in the liver and kidney.

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Empty containers must be decontaminated and destroyed. Normally suitable for incineration by an approved agent.

14. TRANSPORT INFORMATION

Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

UN Number

N/A

Proper Shipping Name

N/A



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DG class

N/A

Hazchem Code

N/A

Packing Group

N/A

15. REGULATORY INFORMATION

Poisons Schedule

Schedule 6 Poison according to the Standard for Uniform Scheduling of Medicines and Poisons

Australian Inventory of Chemical Substances (AICS) and New Zealand Inventory of Chemicals (NZIoC)

All individual components are registered on the Australian and New Zealand Inventory of Chemical Substances

16. OTHER INFORMATION

Contact Person

For information concerning details on this Safety Data Sheet contact the Technical Manager on the following number:

(02) 9673 9600 (business hours)

0417 244 439 (after hours)

General Disclaimer

All reasonable care has been taken to ensure that the information and advice contained herein are accurate at the time of printing. Gulf Western Oil however accepts no liability for any loss or damages suffered as a consequence of reliance on the information and advice contained herein.

History

This Safety Data Sheet prepared in November 2013

Complete Revision – August 2018