



LUBRICANTS

Gulf All Season Antifreeze and Coolant

SDS - Safety Data Sheet

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Gulf All Season Antifreeze and Coolant

Other means of identification: Coolant, antifreeze

SDS Number: 841110

CAS Number: Blend

CHEMTREC: EMERGENCY CONTACT 1-800-424-9300

Supplier:

Nu-Tier Brands, Inc., Tulsa, OK

Under License from Gulf Oil LP

TECHNICAL CONTACT NUMBER: 918-550-8026, Ext. 507

www.gulflubricants.net

2. HAZARDS IDENTIFICATION

Classified Hazards

GHS Phrases:

H302 – Harmful if swallowed

H373 – May cause damage to organs through prolonged or repeated exposure.

H317 – May cause an allergic skin reaction

GHS Precautionary Statements:

P260 – Do not breathe dust/fume/gas/mist/vapors/spray.

P264 – Wash hands thoroughly after handling.

P270 – Do not eat, drink or smoke when using this product.

P272 – Contaminated work clothing should not be allowed out of the workplace.

P280 – Wear protective gloves/protective clothing/eye protection/face protection.

P302+P312 – If swallowed, call a doctor if you feel unwell.

P302+P352 – IF ON SKIN: Wash with plenty of soap and water.

P314 – Get medical advice and attention if you feel unwell.

P321 – Specific treatment (see Section 4 on this label)

P330 – If swallowed, rinse mouth.

P333+P313 – If skin irritation or rash occurs, get medical advice/attention.

P362+P364 – Take off contaminated clothing and wash it before reuse.

P501 – Dispose of contents/container in accordance with local and national Regulations.

This product contains hazardous material as defined by the OSHA Hazard Communication Standard CFR 1910.1200.

Label Elements



GHS Signal Word: WARNING



GHS Classifications:

Health, Acute toxicity, 4 Oral

Health, Skin sensitivity, 1

Specific target organ toxicity – Repeated exposure, 2

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS	Concentration
Ethylene glycol	107-21-1	30-90%
Diethylene glycol	111-46-6	0-10%
Disodium tetraborate, anhydrous	1330-43-4	0.01-1%



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Sodium mercaptobenzothiazole	2492-26-4	0.01-1%
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4. FIRST AID MEASURES

FIRST AID GENERAL MEASURES: Never give anything by mouth to an unconscious person. IF exposed or concerned: Get medical advice/attention.

INHALATION: If inhaled and if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical advice.

SKIN CONTACT: Wash with soap and water followed by warm water rinse. Remove contaminated clothing and wash before reuse. Get medical attention if skin irritation or rash occurs.

EYE CONTACT: Irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if pain, blinking or redness persist.

INGESTION: Rinse mouth. Do NOT induce vomiting unless directed to do so by medical personnel. Drink plenty of water. Immediately call a POISON CENTER or doctor/physician.

Most important symptoms and effects, both acute and delayed:

Symptoms/injuries: May cause respiratory irritation.

Symptoms/injuries after inhalation: Inhalation may cause irritation, coughing, shortness of breath.

Symptoms/injuries after skin contact: May cause an allergic skin reaction. Repeated or prolonged contact may cause skin irritation.

Symptoms/injuries after eye contact: May cause slight irritation. Symptoms may include pain, blinking, tears and redness.

Symptoms/injuries after ingestion: Harmful if swallowed. Swallowing a small quantity of this material will result in serious health hazard.

Chronic symptoms: Causes damage to organs.

Indication of any immediate medical attention and special treatment needed:

All treatments should be based on observed signs and symptoms of distress in the patient.

5. FIREFIGHTING MEASURES

NFPA 704 Hazard Class

Health: 1

Flammability: 0

Instability: 0



0 (Minimal)

1 (Slight)

2 (Moderate)

3 (Serious)

4 (Severe)

Flammability: Liquid will not burn as made. After the water evaporates, remaining material will burn.

Flash Point: None

EXTINGUISHING MEDIA:

Suitable extinguishing media: Large fires: Water fog, water spray. Small fires: Carbon dioxide, dry powder, sand.

Unsuitable extinguishing media: Do not use a heavy water stream.

FIRE & EXPLOSION HAZARDS:

Fire hazard: No specific fire or explosion hazard.

Explosion hazard: Product is not explosive

Reactivity: No dangerous reactions known.



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ADVICE FOR FIREFIGHTERS:

Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection. Wear fire/flammable resistant/retardant clothing. Wear a self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

General measures: Avoid all eyes and skin contact and do not breathe vapor and mist. Danger of slipping on leaked or spilled product.

FOR NON-EMERGENCY PERSONNEL:

Protective equipment: Wear suitable protective clothing and gloves, neoprene, natural rubber gloves. Chemical goggles or safety glasses.

Emergency procedures: Evacuate unnecessary personnel.

FOR EMERGENCY RESPONDERS:

Protective equipment: Wear suitable protective clothing and gloves. Neoprene or nitrile rubber gloves. Chemical goggles or safety glasses.

Emergency procedures: Ventilate area.

ENVIRONMENTAL PRECAUTIONS:

Do not allow large quantities, as are, to spread into the environment. Do not discharge into drains or rivers.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP:

For containment: Absorb and/or contain spill with inert material, then place in suitable container. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Do not allow minor leaks or spills to accumulate on walking surfaces.

Methods for cleaning up: Take up in non-combustible absorbent material and shove into container for disposal.

REFERENCE TO OTHER SECTIONS:

Section 13: disposal information. Section 7: safe handling. Section 8: personal protective equipment.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:

Precautions for safe handling: Avoid breathing fume/mist/vapors/spray. Avoid contact with skin and eyes. Do not eat, drink or smoke when using this product. Handle in a well-ventilated area. Keep away from sources of ignition – No Smoking. Provide good ventilation in process area to prevent formulation of vapor.

Hygiene measures: Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

Storage conditions: Keep only in the original container in a cool well ventilated place. Keep container closed when not in use. Keep away from open flames, hot surfaces and sources of ignition. Do not store near food, foodstuffs, drugs, or potable water supplies.

Incompatible products: Strong oxidizing agents. Strong acids. Strong bases.

Incompatible materials: Sources of ignition.

SPECIFIC END USE(S):

Coolant, antifreeze.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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Chemical Name	ACGIH	OSHA	Other
Ethylene glycol	TWA: 100mg/m ³ ACGIH Ceiling: 39.4ppm		
Disodium tetraborate, anhydrous	TWA: 2mg/m ³ STEL: 6mg/m ³	TWA: 10mg/m ³ 8 hours	
Diethylene glycol	None established		
Sodium mercaptobenzothiazole	None established		

EXPOSURE CONTROLS:

Appropriate engineering controls: Avoid creating mist or spray. Avoid splashing. Provide local exhaust ventilation of closed transfer systems to minimize exposures.

Hand protection: Wear suitable gloves resistant to chemical penetration; neoprene/natural rubber.

Eye protection: In case of splashing or aerosol production: protective goggles. Chemical goggles or face shield.

Skin and body protection: Wear suitable protective clothing. Impervious clothing. Use safety shoes resistant to chemical products.

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment. Use an approved respirator equipped with oil/mist cartridges.

Consumer exposure controls: Avoid contact during pregnancy/while nursing.

Other information: Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Note: Data represents typical values and are not intended to be specifications.

Physical state	: Liquid
Colour	: Industry standard for this product is Green. Additional colors may be provided upon customer request.
Odour	: Characteristic.
Odour threshold	: No data available
pH	: 10.5
Relative evaporation rate (butylacetate=1)	: No data available
Melting/freezing point	: -52 – -13 °C depending on grade
Boiling point	: 104 – 197+ °C depending on grade
Flash point	: > 116 °C Concentrate Not established - 50/50. 30/70. 40/60
Self ignition temperature	: 427 °C
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: < 0.1 mm Hg (@ 20°C)
Relative vapour density at 20 °C	: > 1 Concentrate
Specific Gravity (@ 20°C)	: 1.047 – 1.118 depending on grade
Solubility	: Materials are highly soluble in water.
Log Pow	: No data available
Viscosity	: No data available
Explosive limits	: LEL - 3.2 vol % UEL - Not determined

10. STABILITY AND REACTIVITY



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REACTIVITY: Not chemically reactive.

CHEMICAL STABILITY: Stable under normal ambient and anticipated conditions of use.

POSSIBILITY OF HAZARDOUS REACTIONS: Hazardous reactions not anticipated.

CONDITIONS TO AVOID: Avoid all possible sources of ignition. Extended exposure to high temperatures can cause decomposition.

INCOMPATIBLE MATERIALS: Avoid contact with strong oxidizing agents and strong reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, carbon monoxide, nitrogen oxides, aldehydes, alcohols, ethers, ammonia.

11. TOXICOLOGICAL INFORMATION

Repeated skin contact with this product may cause dermatitis or an oil acne.

No test data available on product.

No component is listed as a carcinogen, mutagen, or teratogen.

LD50/LC50 – No data available.

12. ECOLOGICAL INFORMATION

Avoid exposing to the environment, no specific aquatic data available.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.

Do not flush to surface water or drains.

14. TRANSPORTATION INFORMATION

Not regulated by DOT

15. REGULATORY INFORMATION

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA).

Canadian Disclosure List

Decanoic acid (334-48-5)

N,N-Diethylmonoethanolamine (100-37-8)

16. OTHER INFORMATION

The data in this Material Safety Data Sheet relates only to the specific material designated herein.

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Nu-Tier Brands, Inc. The data on this sheet are related only to the specific material designated herein. Nu-Tier Brands, Inc. assumes no legal responsibility for use or reliance upon these data.

END OF MSDS