



Gulf Premium Winter Diesel Additive

SDS - Safety Data Sheet

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Gulf Premium Winter Diesel Additive
Other means of identification: Diesel Fuel Additive
SDS Number: 900000
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:

H226 – Flammable liquid and vapor
H315 – Causes skin irritation
H319 – Causes serious eye irritation
H335 – May cause respiratory irritation
H336 – May cause drowsiness or dizziness
H302 – Harmful if swallowed
H312 – Harmful in contact with skin
H332 – Harmful if inhaled
H304 – May be fatal if swallowed and enters airways
H351 – Suspected of causing cancer
H411 – Toxic to aquatic life with long lasting effects

GHS Precautionary Statements:

P210 – Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P240 – Ground/bond container and receiving equipment.
P261 – Avoid breathing dust/fume/gas/mist/vapors/spray.
P273 – Avoid release to the environment.
P301+P310 – IF SWALLOWED: Immediately call a POISON CENTER or physician.
P302+352 – IF ON SKIN: Wash with soap and water.
P304+340 – IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338 – IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P308+313 – IF exposed or concerned: Get medical advice/attention.

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

Label Elements



GHS Signal Word: DANGER



Physical, Flammable Liquids, 3



Health, Skin corrosion/irritation, 2
Health, Serious eye damage/eye irritation, 2 A
Health, Specific target organ toxicity – Single exposure, 3
Health, Acute toxicity, 4 Oral
Health, Acute toxicity, 4 Dermal
Health, Acute toxicity, 4 Inhalation
Health, Aspiration hazard, 1
Health, Carcinogenicity, 2



Environmental, Hazards to the aquatic environment – Chronic, 2



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3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS	Concentration
Light aromatic solvent naphtha	64742-95-6	30-60%
1,2,4-Trimethylbenzene	95-63-6	<20%
Ethylene glycol monobutyl ether	111-76-2	5-15%
Heavy aromatic solvent naphtha	64742-94-5	3-6%
2-Ethylhexanol	104-76-7	3-6%
Trimethylbenzene	25551-13-7	<2%
Xylene	1330-20-7	1-3%
Naphthalene	91-20-3	<1%
Cumene	98-82-8	<1%
1,3,5-Trimethylbenzene	108-67-8	<0.5%
Ethylbenzene	100-41-4	<0.5%
Vinyl acetate monomer	108-05-4	<0.1%

4. FIRST AID MEASURES

INHALATION: If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.

SKIN CONTACT: Wash with soap and water. Remove contaminated clothing and wash before reuse. Get medical attention if needed.

EYE CONTACT: Flush with water for several minutes. If effects occur, consult a physician.

INGESTION: If swallowed, do NOT induce vomiting.
Have the victim rinse mouth with water, and then drink 2-4 cupfuls of water.
Get immediate medical attention.

NOTES TO PHYSICIAN: Activated charcoal mixture may be administered.

5. FIREFIGHTING MEASURES

Flash Point: 50.6°C (123.1°F)

Flash Point Method: PMCC

Use dry powder, foam, or carbon dioxide fire extinguishers.

Water may be ineffective unless used by experienced fire fighters.

6. ACCIDENTAL RELEASE MEASURES

Eliminate sources of ignition – heat, sparks, flame and electricity

Contain spilled material.

Collect in suitable and properly labeled containers.

Pick up excess with inert absorbent material.

Keep away from drains and ground water.

7. HANDLING AND STORAGE

HANDLING PRECAUTIONS:

Avoid contact with eyes, skin, or clothing.

Keep away from sources of ignition.

Do not pressurize, cut, weld, braze, solder, drill, or grind container.

Handle with care and avoid spillage on the floor (slippage).

Ground and bond containers when transferring material.

STORAGE REQUIREMENTS:

Keep away from sources of ignition.

Store in a tightly closed container.



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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94).

PERSONAL PROTECTIVE EQUIPMENT:

Use of safety glasses and gloves are recommended.

EXPOSURE GUIDELINES: LIGHT AROMATIC SOLVENT NAPHTHA (PETROLEUM)

OSHA TWA: 500 ppm

1,2,4-TRIMETHYLBENZENE

ACGIH TWA: 25ppm

ETHYLENE GLYCOL MONOBUTYL ETHER

OSHA PEL: 25 ppm, 120 mg/m³

OSHA TWA: 25 ppm

ACGIH TWA: 25 ppm

TRIMETHYLBENZENE

OSHA TWA: 25 ppm, 125 mg/m³

ACGIH TWA: 25 ppm, 123 mg/m³

XYLENE

OSHA TWA: 100 ppm, 435 mg/m³

ACGIH TWA: 100 ppm, 434 mg/m³

OSHA STEL: 150 ppm, 655 mg/m³

ACGIH STEL: 150 ppm, 651 mg/m³

NAPHTHALENE

OSHA PEL: 10 ppm, 50 mg/m³

OSHA TWA: 10 ppm, 50 mg/m³

ACGIH TWA: 10 ppm, 52 mg/m³

OSHA STEL: 15 ppm, 75 mg/m³

ACGIH STEL: 15 ppm, 79 mg/m³

CUMENE

OSHA PEL: 50 ppm

OSHA TWA: 50 ppm, 245 mg/m³

ACGIH TWA: 50 ppm, 246 mg/m³

1,3,5-TRIMETHYLBENZENE

ACGIH TWA: 25 ppm

ETHYLBENZENE

OSHA TWA: 100 ppm

OSHA STEL: 125 ppm

ACGIH STEL: 125 ppm

9. PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance: Amber

Physical State: Liquid

Solubility: Nil in water

Spec. Gravity/Density: 0.888 @ 60°F (Water = 1)

Bulk Density: 7.39 lbs/gal @ 60°F

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

CONDITIONS TO AVOID: High temperatures above 50°C (122°F), sparks, and open flame.

INCOMPATIBLE MATERIALS: Avoid contact with strong oxidizing agents. May burn or react violently to fluorine/oxygen mixtures.



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11. TOXICOLOGICAL INFORMATION

Repeated skin contact with this product may cause dermatitis.

No component is listed as a mutagen, or teratogen.

EYE EFFECTS:

Solvent Petroleum Naphtha, slightly irritating (rabbit).

Vinyl Acetate Monomer is a severe eye irritant (rabbit).

SKIN EFFECTS:

Solvent Petroleum Naphtha, no deaths reported at 4 ml/kg (Rat). Slightly irritating (rabbit, 4 hour(s)).

Vinyl Acetate Monomer is a severe eye irritant (rabbit).

ACUTE ORAL EFFECTS:

Solvent Petroleum Naphtha, LD50, 10 ml/kg in rats.

Naphthalene, Oral LD50, 2600 mg/kg (rat).

Oral LD50 for Vinyl Acetate Monomer is 2,920 mg/kg in rats.

Ethylene Glycol Monobutyl Ether, Oral LD50, 1.4 g/kg (Guinea Pig).

ACUTE INHALATION EFFECTS:

Solvent Petroleum Naphtha, no deaths at 710 ppm (v) (Rat) 4 Hour(s).

Inhalation 1 hour LC50 is >633 ppm in guinea pig for Ethylene Glycol Monobutyl Ether.

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

UN #: NA 1993, Class: -, Proper Shipping Name: Combustible liquid, n.o.s.

This material is not regulated for US DOT transportation in quantities less than 119 gallons.

If shipping overseas, or via air, the proper shipping name is: Flammable liquid, n.o.s., (Contains Petroleum Naphtha, 1,2,4-Trimethylbenzene, 3, UN1993, PGIII).

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).

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