

MSDS 5512

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5512: ISO Heet Fuel Antifreeze 12 Oz [24]
 MSDS Last updated: 02/09/2010

IMPERIAL SUPPLIES LLC MSDS SHEET FOR 5512
 28202 ISO HEET Gas Line Antifreeze

SECTION 1 - CHEMICAL PRODUCT AND MANUFACTURER IDENTIFICATION

Product name: 28202 ISO HEET Gas Line Antifreeze
 Part number: 28202
 Product CAS: (None)
 Product Code: 28202
 Synonyms: 28202 ISO HEET Gas Line Antifreeze

MANUFACTURER IDENTIFICATION

Name: Gold Eagle Company
 Address: 4400 S. Kildare Blvd.
 City: Chicago State: IL Zip: 60632-4372

For information call: 773-376-4400
 Emergency Number: N/A
 Emergency Agency: INFOTRAC
 Agency Number: 1-800-535-5053
 MSDS Effective Date: 8/5/2005
 MSDS Supersedes Date: 4/8/2008
 Miscellaneous:
 Product CAS: Mixture
 Chemical Name: Isopropanol
 Brief Description: Gas line antifreeze for automobiles.

SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

Chemical Name	CAS	MIN	MAX
Isopropanol	67-63-0	99	99
Proprietary Additive	(none)	1	1

Miscellaneous:
 CHEMICAL NAME LIMIT VALUES
 Isopropanol PEL 400 ppm
 PEL 980 mg/m3
 Proprietary Additive (CAS#=Mixture) N/A

SECTION 3 - HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW:**

NFPA: Health: 2 Fire: 3 Reactivity: Specific Hazard:
 0 None
 HMIS: Health: 2 Flammability: 3 Reactivity: PPE: B
 0

Miscellaneous:

This product does not contain any components above de minimus concentrations that are considered carcinogenic by OSHA, IARC or NTP.

POTENTIAL HEALTH EFFECTS**Target Organs/Primary Route(s) of Entry:**

Eye: Irritant
 Skin: Prolonged or repeated skin contact may cause dermatitis, scaling and possible systemic effects.
 Ingestion: Low level of toxicity, small amounts of liquid aspirated into the respiratory system during ingestion may cause pulmonary edema.
 Inhalation: Narcotic chemical affecting central nervous system resulting in: dizziness, nausea, visual impairment, narcosis and muscular impairment.

SECTION 4 - FIRST AID MEASURES

Eye: If the product contacts the eyes, immediately wash the eyes with large quantities of room temperature water for at least

15 minutes, occasionally lifting the lower and upper lids. Get medical attention immediately. A follow up visit to an ophthalmologist should be made. Contact lenses should not be worn when working with this chemical.

Skin: If the product contacts the skin, promptly wash the contaminated skin with soap and water for at least 15 minutes. If this product penetrates the clothing, promptly remove the clothing and wash the skin with soap and water. Systemic effects may be delayed 18 to 72 hours, therefore keep individual under observation.

Ingestion: If this product is ingested, DO NOT INDUCE A PERSON TO VOMIT. Get medical attention immediately.

Inhalation: Move the exposed person to fresh air at once and call emergency medical care. If breathing has stopped, give artificial respiration. If breathing is difficult, give humidified oxygen.

Notes to Physician: No data available.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: 54 F (12.2 C) TOC

Auto-Ignition N/A

Temperature:

Flammable Limits

Lower Limit: Explosive Limit 2.0
(LEL):

Upper Limit: Explosive Limit 12.0
(UEL):

Extinguishing Media: Use halon replacement or carbon dioxide extinguishers or alcohol foam for small fires. Water spray or fog can cool fire but may not be effective in extinguishing fire. Large fires should be extinguished with alcohol foam. Use water spray to cool containers exposed to fire. Containers may explode in heat or fire.

Unusual Fire and Explosion Hazards: Dangerous fire and explosion hazard when exposed to heat or flame. Isopropanol is extremely flammable and forms explosive mixtures with air. Isopropanol vapors may travel considerable distance to a source of ignition and flash back.

Special Fire Fighting Procedures: Wear NIOSH approved SCBA respirator in the positive pressure mode and chemical protective clothing.

General Information: Flammable Limits: 2.0 to 12.0

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Small Spill: Remove sources of heat or ignition, provide adequate ventilation, contain leak using absorbent, inert, non-combustible material.

Large Spill: Contain spill, transfer to secure containers. In the event of an uncontrolled material release, the user should determine if release is reportable under applicable laws and regulations.

SECTION 7 - HANDLING AND STORAGE

Handling: See other sections of MSDS.

Storage: See other sections of MSDS.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

GENERAL HYGIENE CONSIDERATIONS: Use normal hygiene practices

OTHER PRECAUTIONS: Product is flammable, handle accordingly.

ENGINEERING CONTROLS:

Local Exhaust: Provide local ventilation to maintain exposure levels below recommended exposure limits.

Mechanical (General): In confined spaces, mechanical ventilation may be required.

Special Ventilation: Review Permissible Exposure Level (PEL's).

Other Ventilation: N/A

PERSONAL PROTECTIVE EQUIPMENT

Eyes/Face: Use splash proof chemical, safety goggles or appropriate full-face respirator. Contact lenses should not be worn when working with this chemical.

Skin: Use natural rubber or neoprene gloves as required.

Respirators: Do not use air purifying respirator. Use NIOSH approved respirator approved supplied or self contained respirator. Respirators must be selected based on the airborne levels found in the workplace and must not exceed the working limits of the respirator.

Other Protective Clothing/Equipment: IF there is a possibility of exposure of an individual's body to the product, wear body covering work clothes to avoid prolonged or repeated exposure.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Odor:	Water white liquid, solvent odor
pH:	N/A
Vapor Pressure:	(MM HG): 97.0
Vapor Density (Air=1):	GT 1.0
Evaporation Rate:	N/A
Viscosity:	N/A
Boiling Point:	180 F. (82.2 C.)
Freezing/Melting Point:	N/A
Decomposition Temperature:	N/A
Solubility in Water:	Soluble
Specific Gravity:	0.787
Molecular Formula:	N/A
VOC Coating (minus water):	0 Lbs/Gallon
Coating Density:	0 Lbs/Gallon
Solvent Density:	0 Lbs/Gallon
Percent Solvent (volume):	0
Percent Solids (volume):	10
Percent Water (volume):	0
Percent Volatile by Weight:	0
Miscellaneous	
% volatile/Volume:	100.0
Specific Gravity (H ₂ O = 1):	N/A
Percent Solvent (volume):	N/A
Percent solids (Volume):	N/A
Percent Water (Volume):	N/A

Product is flammable, keep away from sources of ignition, combustibles, oxidizing material and acid. Store in area equipped with automatic sprinklers or fire extinguishing system. Empty containers contain product residues, assume empty containers to have the same hazards as full containers.

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability:

Stable: Yes

Conditions to Avoid:

Store in a well ventilated place away from sources of ignition, combustibles, oxidizing materials and acid.

Incompatibilities with Other Materials:

Strong oxidizing agents, amines, chlorinated compounds and caustic materials.

Hazardous Decomposition Products:

Excessive heating and/or incomplete combustion will produce carbon monoxide.

Hazardous Polymerization:

Hazardous Polymerization May Occur: No

SECTION 11 - TOXICOLOGICAL INFORMATION

No data available.

SECTION 12 - ECOLOGICAL INFORMATION

No data available

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of product in accordance with local, state, and federal regulations.

Before attempting clean up, refer to other section of MSDS for hazard warning information.

SECTION 14 - TRANSPORT INFORMATION

Transportation information:

Shipping Information (CFR 49 and IMDG) :

Proper Shipping Name:	Alcohol, antifreeze
DOT Hazard Class:	Consumer Commodity, ORM-D
DOT UN Number:	None required
IMDG Shipping Name:	Dangerous Goods in Limited Quantities of Class 3.2

(Isopropanol), PGII

Label Information:

No data available.

SECTION 15 - REGULATORY INFORMATION

SARA Title III:

Section 302:	None
Section 304:	None
Section 311:	Hazard categories-Fire Hazard-Yes; Acute=Yes and Chronic=Yes
Section 313:	None

CERCLA:

Section 311 (b) (4): Requires discharges of crude oil and petroleum products in any kind or form to waters must immediately be reported to the National Response Center at (800) 424-8802.

SECTION 16 - ADDITIONAL INFORMATION

Disclaimer: Information presented herein is believed to be factual, as in it has been derived from the works and opinions of persons believed to be qualified experts. However, nothing contained in this information is to be taken as warranty or representation for which the Gold Eagle Co. bears legal responsibility. The user should review any recommendations in the specific context of the intended use to determine whether they are appropriate.

Prepared by: Mike Profetto

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