

MSDS 5512

[5512](#): ISO Heet Fuel Antifreeze 12 Oz [24]
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[Print](#)[Go Back](#)[All MSDS](#)

Material Safety Data Sheet | |

Date of issue: | Revision Date: 8/20/2010 | Revision Number:

Imperial Supplies Part Number: 0055120

1. PRODUCT AND COMPANY IDENTIFICATION

Manufacturer:

GOLD EAGLE COMPANY

4400 S. KILDARE BLVD.

CHICAGO

IL 60632-4372

Telephone: 773-376-4400

Emergency Phone: N/A

Product Name: 28202 ISO HEET GAS LINE ANTIFREEZE

Product Code(s): 28202

Recommended Use:

UN-Number:

Product Type:

2. HAZARDS IDENTIFICATION

Appearance: WATER | Physical State: | Odor: SOLVENT ODOR
WHITE LIQUID | |

Potential Health Effects

Principle Routes of Exposure

Acute Effects:

Eyes | IRRITANT.

Skin | PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE
| DERMATITIS, SCALING AND POSSIBLE SYSTEMIC EFFECTS.

Inhalation | NARCOTIC CHEMICAL AFFECTING CENTRAL NERVOUS SYSTEM
| RESULTING IN: DIZZINESS, NAUSEA, VISUAL IMPAIRMENT,
| NARCOSIS AND MUSCULAR IMPAIRMENT.

Ingestion | LOW LEVEL OF TOXICITY, SMALL AMOUNTS OF LIQUID
| ASPIRATED INTO THE RESPIRATORY SYSTEM DURING
| INGESTION MAY CAUSE PULMONARY EDEMA.

Notes:

Chronic Effects:

Eyes |

Skin |

Inhalation |

Ingestion |

Notes: MISCELLANEOUS: THIS PRODUCT DOES NOT CONTAIN ANY COMPONENTS ABOVE DE MINIMUS CONCENTRATIONS THAT ARE CONSIDERED CARCINOGENIC BY OSHA, IARC OR NTP.

Aggravated Medical Conditions

Environmental Hazard

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical/Ingredient Name	CAS-No	Weight%	ACGIH,	OSHA-PE	Other
	Min	TLV-TWA	L		
	Max				
ISOPROPANOL	67-63-0	99			400
	99				PPM
					980
					MG/M3
PROPRIETARY ADDITIVE	(NONE)	1			N/A
	1				

Notes

4. FIRST AID MEASURES

General Advice

Eyes | 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.

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.

Ingestion | IF THIS PRODUCT IS INGESTED. DO NOT INDUCE A PERSON TO
| VOMIT. GET MEDICAL ATTENTION IMMEDIATELY.

Notes to Physician | NO DATA AVAILABLE.

Protection of |

First-aiders |

Notes |

5. FIRE-FIGHTING MEASURES

Flammability/Flammable |
 properties |
 Flash point | 54 F. (12.2 C.) TOC
 Recommended Extinguishing | USE HALON REPLACEMENT OR CARBON DIOXIDE
 Media | 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.
 Special Fire-Fighting | WEAR NIOSH APPROVED SCBA RESPIRATOR IN THE
 Procedures | POSITIVE PRESSURE MODE AND CHEMICAL PROTECTIVE
 | CLOTHING.
 |
 Explosion Data | 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.
 Sensitivity to Mechanical |
 Impact |
 Sensitivity to Static |
 Discharge |
 |
 Specific Hazards from |
 Chemical |
 |
 Protective Equipment |

NFPA | Health Hazard: | Flammability: 3 | Instability: | Physical Hazard
 | 2 | | 0 |

HMIS | Health Hazard: | Flammability: 3 | Physical | PPE: B
 | 2 | | Hazard: 0 |

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Environmental Precautions

Methods for Containment

Methods for Cleaning Up

Notes: 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.

7. HANDLING AND STORAGE

Handling: SEE OTHER SECTIONS OF MSDS.

Storage: SEE OTHER SECTIONS OF MSDS.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH	OTHER

Engineering Measures: LOCAL EXHAUST: PROVIDE LOCAL VENTILATION TO MAINTAIN EXPOSURE LEVELS BELOW RECOMMENDED EXPOSURE LIMITS.

MECHANICAL (GENERAL): IN CONFINED SPACES, MECHANICAL VENTILATION MAY BE REQUIRED.

Personal Protective Equipment

Eyes/Face Protection | USE SPLASH PROOF CHEMICAL, SAFETY GOGGLES OR
| APPROPRIATE FULL-FACE RESPIRATOR. CONTACT LENSES
| SHOULD NOT BE WORN WHEN WORKING WITH THIS CHEMICAL.

Skin and Body | USE NATURAL RUBBER OR NEOPRENE GLOVES AS REQUIRED.
Protection | 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.

Respiratory | DO NOT USE AIR PURIFYING RESPIRATOR. USE NIOSH
Protection | 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.

Ventilation/Other | REVIEW PERMISSIBLE EXPOSURE LEVEL (PEL'S).

Hygiene Measures: USE NORMAL HYGIENE PRACTICES.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: | WATER WHITE | Odor | SOLVENT ODOR
| LIQUID |
Odor Threshold | | Physical State | LIQUID
Color | | Viscosity | N/A
pH | N/A | Percent Volatile, | 0
| | wt.% |
Flash Point | 54 F. (12.2 | Auto-ignition |
| C.) TOC | Temperature |
Decomposition | N/A | Boiling Point/ Range | 180 F. (82.2 C.)
Temp | |
Melting | N/A | Freezing Point | N/A
Point/Range | |
Flammability | | Explosion Limits |
Specific Gravity | 0.787 | Water Solubility | SOLUBLE
Solubility | | Evaporation Rate | N/A

Vapor Pressure | 97.0 (MMHG) | Vapor Density | (AIR=1): GT 1.0
 VOC content, wt. | (MINUS |
 % | WATER): 0 |
 | LBS/GALLON |
 | |

Notes: PRODUCT IS FLAMMABLE, KEEP AWAY FROM SOURCES OF IGNITION, COMBUSTIBLES, OXIDIZING MATERIAL AND ACID. STORE IN AN AREA EQUIPPED WITH AUTOMATIC SPRINKLERS OR FIRE EXTINGUISHING SYSTEM. EMPTY CONTAINERS CONTAIN PRODUCT RESIDUES, ASSUME EMPTY CONTAINER TO HAVE THE SAME HAZARDS AS FULL CONTAINERS.

10. STABILITY AND REACTIVITY

Chemical Stability | STABLE: YES
 Incompatible Products | STRONG OXIDIZING AGENTS, AMINES, CHLORINATED
 | COMPOUNDS AND CAUSTIC MATERIALS.
 Conditions to avoid | STORE IN A WELL VENTILATED PLACE AWAY FROM
 | SOURCES OF IGNITION, COMBUSTIBLES, OXIDIZING
 | MATERIALS AND ACID.
 Hazardous Decomposition | EXCESSIVE HEATING AND/OR INCOMPLETE COMBUSTION
 Products | WILL PRODUCE CARBON MONOXIDE.
 Hazardous Polymerization | HAZARDOUS POLYMERIZATION MAY OCCUR: NO
 Notes

11. TOXICOLOGY INFORMATION

Acute Toxicity: NO DATA AVAILABLE.

Product |
 Information |
 Inhalation |
 Eye Contact |
 Skin Contact |
 Ingestion |

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation

Chronic Toxicity |

Chemical Name	ACGIH	IARC	NTP	OSHA

Target Organ Effects

12. ECOLOGICAL INFORMATION

NO DATA AVAILABLE.

Ecotoxicity

The Environmental impact of this product has been fully investigated

Chemical Name	Toxicity to	Toxicity to	Tox, to	Daphnia Magna

Algea	Fish	Microorganisms (water flea)

Notes: NO DATA AVAILABLE.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods: DISPOSE OF PRODUCT IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. BEFORE ATTEMPTING CLEAN UP, REFER TO OTHER SECTIONS OF MSDS FOR HAZARD WARNING INFORMATION.

Contaminated Packaging

US EPA Waste number

Notes

14. TRANSPORTATION INFORMATION

DOT

UN-Number | NONE REQUIRED

Proper Shipping name | CONSUMER COMMODITY; ALCOHOL, ANTIFREEZE

Hazard Class | ORM-D

Packing Group |

Description |

Emergency Response |

Guide Number |

TDG

UN-Number |

Proper Shipping name |

Hazard Class |

Packing Group |

Description |

MEX |

UN-Number |

Proper Shipping name |

Hazard Class |

Packing Group |

Description |

ICAO

UN-Number |

Proper Shipping name |

Hazard Class |

Packing Group |

Description |

IATA

UN-Number |
Proper Shipping name |
Hazard Class |
Packing Group |
ERG Code |
Description |

IMDG/IMO

UN-Number |
Proper Shipping name | (ISOPROPANOL)
Hazard Class | 3.2
Packing Group | II
EmS No. |
Description |

RID

UN-Number |
Proper Shipping name |
Hazard Class |
Packing Group |
Classification Code |
Description |
ADR/RID-Labels |

ADR

UN-Number |
Proper Shipping name |
Hazard Class |
Packing Group |
Classification Code |
Description |
ADR/RID-Labels |

ADN

UN-Number
Proper Shipping name
Hazard Class
Packing Group
Classification Code
Special Provisions
Description
Hazard Labels
Limited Quantity

15. REGULATORY INFORMATION

International Inventories

TSCA
DSL
EINECS
ENCS
IECSC
PICCS

AICS

U.S. Federal Regulations

SARA 313: NONE.

SARA 311/312 Hazard Categories

Acute Health Hazard: YES

Chronic Health Hazard: YES

Fire Hazard: YES

Sudden Release of Pressure Hazard: NO

Reactive Hazard: NO

Clean Water Act

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.

U.S. State Regulations

U.S. State Right-to-Know Regulations

International Regulations

Canada

16. OTHER INFORMATION

Prepared By: MIKE PROFETTO

Revision Date: 8/20/2010

Company: GOLD EAGLE COMPANY

Revision number

Telephone number: 773-376-4400

Notes

Other Information

Disclaimer information: INFORMATION PRESENTED HEREIN IS BELIEVED TO BE FACTUAL, AS 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.

END OF MATERIAL SAFETY DATA SHEET

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