MATERIAL SAFETY DATA SHEET

HA55360 - ISO-HEET
Part #HA55360

Gold Eagle Company
4400 S. Kildare Blvd.
Chicago, IL 60632-4372
(773) 376-4400

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Health: 2 Flammability: 3 Reactivity: 0 Pers. Prot. Index: B
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NMPA RATINGS  ***********************************************************************
Health: 2 Fire: 3 Reactivity: 0 Specific Hazard: None

SECTION I  PRODUCT IDENTIFICATION

Product/Trade Name(s): HA55360 - ISO-HEET
Part Number: HA55360
MSDS Date: 07/17/03
CAS #: N/A
Category: N/A
Distributor: N/A
Chemical Name: Isopropanol
Formula: N/A
Brief Description: Gas line antifreeze for automobiles.

SECTION II  HAZARDOUS INGREDIENTS & EXPOSURE LIMITS

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>CAS #</th>
<th>%</th>
<th>LIMIT VALUES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISOPROPANOL</td>
<td>67-63-0</td>
<td>95.00</td>
<td>FEL 400 ppm</td>
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<td>REL 360 mg/1</td>
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SECTION III  PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 180 F. (82.2 C.)
Vapor Pressure (mm Hg.): 97.0
Vapor Density (AIR = 1): >1.0
Solubility in Water: Soluble
% Volatile / Volume: 100.0
Appearance and Odor: Water white liquid, solvent odor
pH: N/A
Specific Gravity (H2O = 1): 0.787

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

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SECTION IV  FIRE AND EXPLOSION HAZARD DATA

Flash Point:  54°F. (12.2°C.)  TOC
Flammable Limits:  2.0 to 12.0
Lower Explosive Limit (LEL):  2.0
Upper Explosive Limit (UEL):  12.0

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.

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

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.

SECTION V  REACTIVITY DATA

Stable:  Yes

Hazardous Polymerization May Occur:  No

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

Incompatibility (Material to Avoid)
Strong oxidizing agents, amines, chlorinated compounds and caustic materials.

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

SECTION VI  HEALTH HAZARD DATA

Effects on Eyes
Irritant.

Effects on Skin
Prolonged or repeated skin contact may cause dermatitis, scaling and possible systemic effects.

Effects Due to Ingestion
Low level of toxicity, small amounts of liquid aspirated into the respiratory system during ingestion may cause pulmonary edema.

Effects Due to Inhalation
Narcotic chemical affecting central nervous system resulting in: dizziness, nausea, visual impairment, narcosis and muscular impairment.

First Aid Procedures for 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.
SECTION VI HEALTH HAZARD DATA (cont.)

First Aid Procedures for 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.

First Aid Procedures for Ingestion
If this product is ingested. DO NOT INDUCE AN PERSON TO VOMIT. Get medical attention immediately.

First Aid Procedures for 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.

SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material is Released or Spilled
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.

Waste Disposal Method
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.

Precautions to Be Taken in Handling and Storing
See other sections of MSDS

Other Precautions
Product is flammable, handle accordingly.

SECTION VIII CONTROL MEASURES

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

Protective Gloves: Use natural rubber or neoprene gloves as required.

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

Other Protective Clothing or Equipment
If there is a possibility of exposure to the product, wear body-covering work clothes to avoid prolonged or repeated exposure.

Work/Hygienic Practices
Use normal hygiene practices.

Respiratory Protection (Specify Type)
Do not use air purifying respirator. Use appropriate NIOSH approved supplied or self contained respirator. Respirators must be selected based
Respiratory Protection (Specify Type) (cont.)
on the airborne levels found in the workplace and must not exceed the
working limits of the respirator.

Additional Information

SHIPPING INFORMATION (CFR 49 AND IMDG):
PROPER SHIPPING NAME: Alcohol, antifreeze
HAZARD CLASS : Consumer commodity, CRM-D
DOT UN NUMBER : None required.
IMDG SHIPPING NAME : Dangerous Goods in Limited Quantities
of Class 3.2 (Isopropanol), PGII.

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.

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appropriate.

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