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## M S D S I N F O R M A T I O N

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Part: 7100 Line: MAC Desc: MOIS ABS

## MATERIAL SAFETY DATA SHEET

Effective Date: 3-10-05

Revision Date: none

Mac's Thermo Aid

Code: GEC

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## Section 1 - Product and Company Identification

PRODUCT NAME: Mac's Thermo Aid

MANUFACTURER'S NAME:

Gold Eagle Co.  
4400 S. Kildare  
Chicago, IL 60632EMERGENCY TELEPHONE NUMBER  
(312)376-4400MISCELLANEOUS INFORMATION  
(312)376-4400

## MATERIAL SAFETY DATA SHEET

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## Section 1 - Product and Company Identification - Continued

\*\*\*\* SECTION 1 - CHEMICAL PRODUCT AND MANUFACTURER IDENTIFICATION \*\*\*\*  
Product Name: NB7100 - NAPA Thermo-Aid Product CAS: (None) Product Code: NB7100  
Synonyms: NB7100 - NAPA Thermo-Aid 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: 3/10/2005 MSDS Supersedes Date: Miscellaneous: Product CAS: Mixture  
Brief Description: Gas line antifreeze for automobiles. Return to top \*\*\*  
SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS \*\*\*\* Chemical Name CAS  
MIN MAX Isopropanol 67-63-0 0 100  
Miscellaneous: CHEMICAL NAME LIMIT VALUES Isopropanol PEL 400 ppm PEL 980 mg/m<sup>3</sup> Return to top \*\*\* SECTION 3 - HAZARDS IDENTIFICATION \*\*\*\* EMERGENCY OVERVIEW: NFPA: Health: 2 Fire: 3 Reactivity: 0 Specific Hazard: None HMIS: Health: 2 Flammability: 3 Reactivity: 0 PPE: B Miscellaneous: This product does not contain any components above de minimus concentrations that are considered carcinogens. 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. Miscellaneous: Return to top \*\*\* 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.

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**FIGHTING MEASURES** \*\*\*\* Flash Point: 54 F. (12.2 C.) TOC AutoIgnition Temperature: N/A Flammable Limits Lower Limit: Explosive Limit (LEL): 2.0 Upper Limit: 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. 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 Return to top \*\*\*\* 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

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## ===== Section 1 - Product and Company Identification - Continued

release is reportable under applicable laws and regulations. Return to top \*\*\*\* SECTION 7 - HANDLING AND STORAGE \*\*\*\* Handling: See other sections of MSDS.

Storage: See other sections of MSDS. Return to top \*\*\*\* 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: OSHA TWA=400 ppm and STEL=500 ppm. ACGIH TWA=400 ppm and STEL=500 ppm. 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 appropriate NIOSH 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. Return to top \*\*\*\* 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 Molecular Weight: 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): 0 Percent Water (volume): 0 Percent Volatile by Weight: 0 Miscellaneous: % Volatile/Volume: 100.0 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 materials and acid. Store in an area equipped with automatic sprinklers or fire extinguishing system. Emotv containers contain

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containers. Return to top \*\*\*\* 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 Return to top \*\*\*\* SECTION 11 - TOXICOLOGICAL INFORMATION \*\*\*\*  
No data available. Return to top

\*\*\*\* SECTION 12 - ECOLOGICAL INFORMATION \*\*\*\* No data available. Return to  
top \*\*\*\* SECTION 13 - DISPOSAL CONSIDERATIONS \*\*\*\* 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.  
Return to top \*\*\*\* 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: Warning: Eye  
Irritant. Flammable. Return to top \*\*\*\* SECTION 15 - REGULATORY INFORMATION  
\*\*\*\* SARA Title III: Section 302: None Section 304: None Section 311: Hazard

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## Section 1 - Product and Company Identification - Continued

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. Return to top \*\*\*\* SECTION 16 -  
ADDITIONAL INFORMATION \*\*\*\* Disclaimer: 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. Prepared by: Mike Profetto Return to top

\*\*\* End of Report \*\*\*