

Material Safety Data Sheet**EMERGENCY**

FOR CHEMICAL EMERGENCY: SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL
CHEMTREC - DAY or NIGHT - (800) 424-9300

Product Name: **ANTI-FREEZE**

SECTION I - GENERAL INFORMATION

Manufacturer's Name: Seaboard Industries, Inc.
185 Van Winkle Avenue
Hawthorne, NJ 07506

Trade Name & Synonyms: **ANTI-FREEZE**

Chemical Name & Synonyms: Propylene Glycol

Generic Description: N/A

Formula: N/A

D.O.T. Proper Shipping Name: Not Dot Regulated

D.O.T. Hazard Class: N/A

U.N. or N.A. Identification #: N/A

D.O.T. Emergency Response Guide No.: N/A

Hazardous Mat's ID System Values (HMIS) Health - N/A Flammability -N/A Reactivity -N/A Personal Protection -N/A
Natl Fire Protection Assn. (NFPA 704M) Health - N/A Flammability -N/A Reactivity -N/A Specific Hazard. N/A

SECTION II - HAZARDOUS INGREDIENTS

Hazardous Component(s)	CAS#	PEL	TLV	Wt. %
Ethyl Alcohol	64-17-5	Not Established	1000ppm	21-24
Propylene Alcohol	57-55-6	Not Established	Not Established	6
DKP	7758-11-4	Not Established	Not Established	<1

Ingredients listed in this section have been determined to be hazardous as defined in 29 CFR 1910.1200. Materials determined to be health hazards are listed if they comprise 1% or more of the composition. Materials identified as carcinogens are listed if they comprise 0.1% or more of the composition. Information on proprietary materials is available as provided in 29 CFR 1910.1200 (i) (1).

SECTION III - PHYSICAL DATA

Boiling Point (F): 175^oF Specific Gravity (water = 1): 1.010

Vapor Pressure (mm Hg): 15 @68^oF % Volatile (by Volume): 99

Vapor Density (air = 1): 3 Evaporation Rate:(Water = 1) .1

Melting Point (F): N/A pH: 8.0-9.0

Solubility in Water: Infinite

Appearance & Odor: Golden brown, no odor.

SECTION IV - FIRE & EXPLOSION DATA

Flash Point (F): 93^oF Method: N/A

Extinguishing Media: Use water fog, alcohol foam, dry chemical or CO₂

Special Fire Fighting Procedures: Warning: Flammable. Clear fire area of unprotected personnel. Do not enter confined fire space without full bunker gear including a positive pressure NIOSH approved self contained breathing apparatus.

Unusual Fire & Explosion Hazards: Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure buildup which could result in container rupture.

SECTION V - REACTIVITY DATA

Stability - Unstable Stable

Conditions to Avoid: Heat, sparks, flame.

Incompatibility (Materials to Avoid): Strong oxidizing agents.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.

Hazardous Polymerization: Will Occur Will Not Occur

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SECTION VI - HEALTH HAZARD DATA

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Acute Health Hazards: N/A
Chronic Health Hazards: N/A
Signs & Symptoms of Exposure: Early to moderate CNS (central nervous system) depression may be evidenced by giddiness, headache, dizziness, and nausea in extreme cases.

Medical Conditions Generally Aggravated by Exposure: Preexisting eye, skin, and respiratory disorders may be aggravated by exposure to this product. Impaired liver function from preexisting disorders may also be aggravated.

Chemical Listed as Carcinogen or Potential Carcinogen by:
National Toxicology Program: Yes: No: X
I.A.R.C. Monographs: Yes: No: X
O.S.H.A. Yes: No: X

Emergency & First Aid Procedures: For principle route of entry, see appropriate emergency procedures below.

Route of Entry: Inhalation: Remove to fresh air and provide oxygen if breathing is difficult.
Eyes: Flush immediately with water for 15 minutes while holding eyelids open.
Skin: Flush with water.
Ingestion: Drink plenty of water. Call a physician.

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SECTION VII - SPILL OR LEAK PROCEDURES

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Steps to be Taken in Case Material is Released or Spilled:
Warning: Combustible, eliminate all ignition sources. Handling equipment must be grounded to prevent sparks. Large spills: Dike and contain runoff.

Waste Disposal Methods:
EPA-RCRA (40CFR 261.21) Refer to latest EPA or state regulations for regarding proper disposal.

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SECTION VIII - SPECIAL PROTECTION AND CONTROL MEASURES

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Respiratory Protection (Specify Type): NIOSH
Ventilation: Use adequate ventilation
Protective Equipment -
Gloves: Wear chemically resistant gloves.
Eye Protection: Wear chemical goggles to prevent eye contact.
Other Protective Equipment: Eyewash fountain and safety shower should be available.
Work or Hygienic Practices:

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SECTION IX - SPECIAL PRECAUTIONS

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Precautions to be Taken in Handling and Storage: Keep liquid away from heat, sparks, and flame.
Other Precautions: Wash with soap and water before eating, drinking, smoking or

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THESE DATA ARE OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.

Date of Last Revision

