

ANTIFREEZE, ETHYLENE GLYCOL, INHIBITED

MSDS Number

BSCTB

National Stock Number

6850-00-181-7940

Product Name

ANTIFREEZE, ETHYLENE GLYCOL, INHIBITED

Manufacturer

PHIPPS PRODUCTS CORP

Product Identification

Product ID:ANTIFREEZE, ETHYLENE GLYCOL, INHIBITED

MSDS Date:12/06/1993

FSC:6850

NIIN:00-181-7940

MSDS Number: BSCTB

Responsible Party

PHIPPS PRODUCTS CORP

186 LINCOLN ST SUITE 502

BOSTON , MA 02111-2403

US

Emergency Phone: 617-542-7341

Info Phone: MANUFACTURER OUT OF BUSINESS

Preparer: DGSC-SSH

Cage: 86511

Contractor

PHIPPS PRODUCTS CORP

BOSTON, MA 02111-2403

US

OUT OF BUSINESS

Cage: 86511

Ingredients

ETHYLENE GLYCOL (SARA III)

CAS: 107-21-1

RTECS: KW2975000

Fraction By Weight: 90-95%

OSHA PELC 50 PPM

ACGIH TLV: C 50 PPM,VAPOR; 9192

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

DIETHYLENE GLYCOL

CAS: 111-46-6

RTECS: ID5950000

Fraction By Weight: 0-5%

ACGIH TLV: 25 PPM

Hazards

LD50 LC50 Mixture:ACUTE ORAL LD50 (RAT) IS 5840 MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: EYE AND SKIN CONTACT- PRIMARY IRRITATION TO SKIN, DEFATTING, DERMATITIS. PRIMARY IRRITATION TO EYES, REDNESS, TEARING, BLURRED VISION. ABSORPTION THRU SKIN INCREASES EXPOSURE. SWALLOWING- HARM FUL OR FATAL IF SWALLOWED. SWALLOWING MAY CAUSE ABDOMINAL IRRITATION, NAUSEA, VOMITING. AVOID BREATHING VAPORS OR MISTS.

Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:INHALATION: REMOVE TO FRESH AIR. CALL A PHYSICIAN IF DISCOMFORT PERSISTS. EYE: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR 15 MINUTES. CALL A PHYSICIAN. SKIN: WASH WITH PLENTY OF SOAP & WATER. REM OVE CONTAMINATED CLOTHING/SHOES. INGESTION: IF CONSCIOUS, GIVE 2 GLASSES OF WATER TO DRINK AND INDUCE VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. CALL A PHYSICIAN IMMEDIATELY.

Fire Fighting

Flash Point Method:TOC

Flash Point:245F,118C

Autoignition Temp:Autoignition Temp Text:750F

Lower Limits:1.5

Extinguishing Media:NFPA CLASS B EXTINGUISHERS FOR CLASS 111 B LIQUID FIRES (DRY CHEMICAL, FOAM, OR CARBON DIOXIDE)

Fire Fighting Procedures:WATER SPRAY MAY BE INEFFECTIVE ON FIRE BUT CAN PROTECT FIRE FIGHTERS AND COOL CLOSED CONTAINERS. USE FOG NOZZLES IF WATER IS USED.

Unusual Fire/Explosion Hazard:CLOSED CONTAINERS MAY EXPLODE IF EXPOSED TO EXTREME HEAT. APPLYING TO HOT SURFACE REQUIRES SPECIAL PRECAUTIONS. EMPTY CONTAINER VERY HAZARDOUS.

Accidental Release

Spill Release Procedures:SMALL SPILL: WIPE/SOAK UP WITH PAPER TOWEL OR INERT ABSORBANT AND TRANSFER TO HOOD. LARGE SPILL: ISOLATE FROM OXIDIZERS, OPEN FLAME AND HEAT. PERSONS WITHOUT PROPER PROTECTION SHOULD BE KEPT FROM AREA UNTIL CLEANED UP.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:AVOID FREE FALL OF LIQUIDS. GROUND CONTAINERS WHEN TRANSFERRING. DO NOT CUT, BRAZE OR WELD. EMPTY CONTAINER VERY HAZARDOUS.

Other Precautions:DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

Exposure Controls

Respiratory Protection:USE A NIOSH APPROVED POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS.

Ventilation:LOCAL EXHAUST IS NECESSARY. VENTILATE TO KEEP AIR BELOW 45 PPM.

Protective Gloves:IMPERVIOUS TO THIS MATERIAL

Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:APRON AND FOOTWEAR IMPERVIOUS TO THIS MATERIAL

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR

FOOTWEAR.
Supplemental Safety and Health
MSDS GENERATED BY DGSC-SSH FOR PRODUCT FROM OTHER MSDS'S AND TECHNICAL
INFORMATION. COMPANY NO LONGER IN BUSINESS.

Chemical Properties

HCC:V5
Boiling Pt:B.P. Text:339F,171C
Vapor Pres:0.4
Vapor Density:2.1
Spec Gravity:1.12
pH:9-11.5
Solubility in Water:APPRECIABLE
Appearance and Odor:GREEN LIQUID WITH MILD ODOR
Percent Volatiles by Volume:97

Stability

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS
Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, OXIDIZERS AND
OPEN FLAMES
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE

Disposal

Waste Disposal Methods:SMALL, EVAPORATE UNTIL ALL VAPORS ARE GONE.
DISPOSE OF REMAINDER BY LEGALLY APPLICABLE METHODS. LARGE, RECYCLE
OR INCINERATE OBSERVING LOCAL, STATE AND FEDERAL HEALTH, SAFETY AND
POLLUTION.

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