

ETHYLENE GLYCOL, ANTIFREEZE AND SUMMER COOL

MSDS Number

BHFNG

National Stock Number

6850-00-181-7933

Product Name

ETHYLENE GLYCOL, ANTIFREEZE AND SUMMER COOL

Manufacturer

G VALDES ENTERPRISES INC

Product Identification

Product ID:ETHYLENE GLYCOL, ANTIFREEZE AND SUMMER COOL

MSDS Date:08/01/1988

FSC:6850

NIIN:00-181-7933

MSDS Number: BHFNG

Responsible Party

G. VALDES ENTERPRISES, INC.

627 SOUTH VERMONT STREET

PALATINE , IL 60067

Emergency Phone: 800-424-9300 (CHEMTREC)

Info Phone: 312-991-1414

Cage: KO493

Contractor

VALDES G ENTERPRISES INC

PALATINE, IL 60067-6949

US

312-991-1414

Cage: 3J032

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

DIPROPYLENE GLYCOL METHYL ETHER

CAS: 20324-32-7

Fraction By Weight: 0-5%

ACGIH TLV: 25 PPM

Hazards

LD50 LC50 Mixture:LD50 (ORAL RAT) IS 5.8 G/KG
Routes of Entry: Inhalation:NO Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: INHALE- RESPIRATORY IRRITATION.
INGEST- POISONING RESULTING IN SEVERE ABDOMINAL DISTURBANCES, CNS
DEPRESSION, POSSIBLE RESPIRATORY AND/OR RENAL FAILURE. EYE-
TEMPORARY IRRITATION. SKIN- PROLONGE D EXPOSURE HAS DEHYDRATIONG
EFFECT. CHRONIC: LIQUID CAUSES EYE IRRITATION.
Explanation of Carcinogenicity:NONE OF THE CHEMICALS IN THIS PRODUCT IS
LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.
Effects of Overexposure:SEE HEALTH HAZARDS
Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF SKIN AND
RESPIRATORY DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE.

First Aid

First Aid:INHALATION: REMOVE SUBJECT TO FRESH AIR. EYE: FLUSH WITH
PLENTY OF WATER FOR 15 MINUTES. GET IMMEDIATE MEDICAL ATTENTION.
SKIN: WASH WITH SOAP AND WATER. INGESTION: INDUCE VOMITING BY
TOUCHING FINGER TO THE BACK OF THE THROAT. GET IMMEDIATE MEDICAL
ATTENTION.

Fire Fighting

Flash Point Method:TCC
Flash Point:245F,118C
Lower Limits:1.0
Extinguishing Media:USE CARBON DIOXIDE, FOAM.
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. USE NIOSH APPROVED SCBA.
Unusual Fire/Explosion Hazard:KEEP CONTAINER TIGHTLY CLOSED, ISOLATE
FROM OXIDIZERS, HEAT, AND OPEN FLAMES. CLOSED CONTAINERS MAY
EXPLODE IF EXPOSED TO EXTREME HEAT. EMPTY CONTAINER HAZARD..

Accidental Release

Spill Release Procedures:SMALL: MOP UP WITH ABSORBENT MATERIAL AND
TRANSFER TO HOOD. LARGE: ISOLATE FROM OXIDIZERS, HEAT AND OPEN
FLAME. PERSONS WITHOUT PROPER PROTECTION SHOULD BE KEPT FORM AREA
UNTIL CLEANED UP.
Neutralizing Agent:NONE APPLICABLE FOR THIS MATERIAL

Handling

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED
AREA. PROTECT FROM PHYSICAL DAMAGE, HEAT AND IGNITION SOURCES. KEEP
CONTAINERS CLOSED.
Other Precautions:PRESERVE WARNING LABEL ON CONTAINERS. EMPTY CONTAINER
VERY HAZARDOUS. DO NOT FLAME CUT, BRAZE OR WELD ON EMPTY
CONTAINERS.

Exposure Controls

Respiratory Protection:AVOID BREATHING FUMES OR VAPORS OF HEATED
PRODUCT. IF VENTILATION IS NOT ADEQUATE, USE AN APPROVED ORGANIC
VAPOR RESPIRATOR.
Ventilation:LOCAL EXHAUST RECOMMENDED NEAR HEATED PRODUCT.
Protective Gloves:RUBBER
Eye Protection:CHEMICAL SAFETY GOGGLES OR SHIELD.
Other Protective Equipment:SAFETY SHOWER AND EYE BATH. OTHER EQUIPMENT
AS REQUIRED TO MINIMIZE EXPOSURE FROM PROLONGED OR REPEATED
CONTACT.
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE
EATING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.
Supplemental Safety and Health

Chemical Properties

HCC:V5
Boiling Pt:B.P. Text:339F,171C
Vapor Pres:0.4
Vapor Density:2.1

Spec Gravity:1.114

Appearance and Odor:GREEN LIQUID WITH MILD ODOR

Stability

Stability Indicator/Materials to Avoid:YES

ISOLATE FROM STRONG OXIDIZERS SUCH AS PERMANGANATES, CHROMATES AND PEROXIDES.

Stability Condition to Avoid:ISOLATE FROM OXIDIZERS, HEAT, AND OPEN FLAME.

Hazardous Decomposition Products:UNDER CERTAIN CONDITIONS OF COMBUSTION CARBON MONOXIDE AND CARBON DIOXIDE MAY BE PRODUCED.

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 POLLUTIN REGULATIONS.

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