

SERMETEL 273

MSDS Number

BBGFR

National Stock Number

6850-00F000247

Product Name

SERMETEL 273

Manufacturer

SERMATECH INTERNATIONAL INC

Product Identification

Product ID:SERMETEL 273

MSDS Date:06/01/1989

FSC:6850

NIIN:00F000247

MSDS Number: BBGFR

Responsible Party

SERMATECH INTERNATIONAL INC.

155 SOUTH LIMERICK ROAD

LIMERICK , PA 19468

Emergency Phone: 215/948-5100

Info Phone: 215/948-5100

Cage: 58913

Contractor

SERMATECH INTERNATIONAL INC SUB OF TELEFEX INC

LIMERICK, PA 19468-1603

US

610-948-5100

Cage: 58913

Ingredients

ETHYLENE GLYCOL (SARA III)

CAS: 107-21-1

RTECS: KW2975000

Fraction By Weight: 10-30%

OSHA PELC 50 PPM

ACGIH TLV: C 50 PPM,VAPOR; 9192

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

MORPHOLINE

CAS: 110-91-8

RTECS: QD6475000

Fraction By Weight: 1%

OSHA PELS,20 PPM/30 STEL

ACGIH TLV: S, 20 PPM; 9192

PHOSPHORIC ACID (SARA III)

CAS: 7664-38-2

RTECS: TB6300000

Fraction By Weight: 5%

OSHA PEL1 MG/M3/3 STEL

ACGIH TLV: 1 MG/M3/3 STEL; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

GLYCERIN

CAS: 56-81-5

RTECS: MA8050000

Fraction By Weight: 20-30%

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 (MIST) 9293

Hazards

LD50 LC50 Mixture:ORAL LD50 (RAT) 6GM/KG

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

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

Health Hazards Acute and Chronic:EYES: MAY CAUSE IRRITATION. SKIN: MAY CAUSE IRRITATION. ETHYLENE GLYCOL ABSORBED MAY CAUSE DAMAGE TO KIDNEYS & DEPRESSION OF CENTRAL NERVOUS SYSTEM. INGESTION: MAY CAUSE CNS STIMULATION FOLLOWED BY DE PRESSION & KIDNEY DAMAGE WHICH MAY BE FATAL. INHALATION: VAPORS MAY CAUSE IRRITATION TO LUNGS/MUCOUS MEMBRANES.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:MATERIAL IS ACIDIC AND MAY CAUSE SKIN BURNS ON PROLONGED CONTACT. IRRITATION OF MUCOUS MEMBRANES.

First Aid

First Aid:SKIN: DRENCH W/WATER. REMOVE CONTAMINATED CLOTHES & WASH BEFORE REUSE. IF PERSISTENT IRRITATION OCCURS, OBTAIN MED. ATT.

EYES: FLUSH W/WATER FOR 15 MIN.. OBTAIN MED. ATT. INGESTION: GIVE LARGE AMOUNTS OF WATER. INDUCE VOMITING. OBTAIN MED. ATT..

INHALATION: REMOVE VICTIM TO FRESH AIR & PROVIDE OXYGEN IF BREATHING IS DIFFICULT. OBTAIN MED. ATT..

Fire Fighting

Flash Point:>250F

Extinguishing Media:WATER FOG, CO2, DRY CHEMICAL & SAND.

Fire Fighting Procedures:WEAR NIOSH APPROVED SCBA.

Unusual Fire/Explosion Hazard:SMALL AMOUNTS OF NITROGEN OXIDES &CARBON & ACROLEIN MAY BE LIBERATED.

Accidental Release

Spill Release Procedures:WASH THOROUGHLY WITH WATER.

Handling

Handling and Storage Precautions:STORE INSIDE AT 40-90F.

Other Precautions:AVOID ALL SKIN CONTACT. ABSORPTION OF ETHYLENE GLYCOL THROUGH THE SKIN MAY CAUSE DAMAGE TO KIDNEYS & DEPRESSION OF CNS.

Exposure Controls

Respiratory Protection:FOR SPRAY APPLICATION USE SUPPLIED AIR
RESPIRATOR.
Ventilation:LOCAL EXHAUST/SPRAY BOOTH W/MINIMUM AIR VELOCITY OF 150
FT2/MIN.
Protective Gloves:YES
Eye Protection:GOGGLES
Other Protective Equipment:HIGHLY EFFICIENT SPRAY BOOTHS REQUIRED.
Supplemental Safety and Health

Chemical Properties

Boiling Pt:B.P. Text:220F
Vapor Pres:35
Vapor Density:0.73
Spec Gravity:1.10
pH:1-3%
Evaporation Rate & Reference:1 WATER=1
Solubility in Water:MISCIBLE
Appearance and Odor:RED ORANGE LIQUID - NO APPARENT ODOR
Percent Volatiles by Volume:95

Stability

Stability Indicator/Materials to Avoid:YES
USE ONLY W/SERMETEL 249 ACCORDING TO APPLICATION BULLETIN.
Stability Condition to Avoid:AVOID CONTACT W/STRONG OXIDIZERS.
Hazardous Decomposition Products:THERMAL DECOMPOSITION MAY YIELD CO &
ACROLEIN.

Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND
FEDERAL REGULATIONS.

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