

CRESYLIC ACID

MSDS Number

BHBYK

National Stock Number

6810-00-264-9019

Product Name

CRESYLIC ACID

Manufacturer

MERICHEM COMPANY

Product Identification

Product ID:CRESYLIC ACID

MSDS Date:07/01/1989

FSC:6810

NIIN:00-264-9019

MSDS Number: BHBYK

Responsible Party

MERICHEM COMPANY

1914 HADEN ROAD

HOUSTON , TX 77015

US

Emergency Phone: 713-455-1311/800-424-9300(CHEMTREC)

Info Phone: 713-455-1311

Cage: MERIC

Contractor

MERICHEM COMPANY

HOUSTON, TX 77015

US

713-455-1311

Cage: MERIC

Ingredients

PHENOL

CAS: 108-95-2

RTECS: SJ3325000

Fraction By Weight: 7.1%

OSHA PELs, 5 PPM

ACGIH TLV: S, 5 PPM; 8990

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

CRESOL, ALL ISOMERS (CRESYLIC ACID) (SARA III)

CAS: 1319-77-3

RTECS: GO5950000

Fraction By Weight: 38.2%

OSHA PELS, 5 PPM

ACGIH TLV: S, 5 PPM; 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

XYLENOL (SARA III)

CAS: 1300-71-6

RTECS: ZE5425000

Fraction By Weight: 33.1%

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

O-ETHYLPHENOL (2-ETHYLPHENOL) (% SHOWN IS FOR THE SUM OF

CAS: 90-00-6

RTECS: SL4025000

Fraction By Weight: 13.5%

ALKYLATED PHENOLS

Fraction By Weight: 8.1%

Hazards

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

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

Health Hazards Acute and Chronic:THIS MATERIAL IS

CORROSIVE,IRRITANT,TOXIC AND SENSITIZER. TARGET ORGANS

ARE:LUNGS,LIVER,EYES,KIDNEYS,SKIN,MUCOUS MEMBRANES AND NERVOUS SYSTEM.

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

Effects of Overexposure:EYES:SEVERE EYE DAMAGE.CHEMICAL BURNS. SKIN: CHEMICAL BURNS.WHITE WRINKLED DISCOLORATION YIELDING SERIOUS BURNS OR SYSTEMIC POISONING IF NOT REMOVED PROMPTLY.MAY BE FATAL.

INHALATION: SYSTEMIC POISONING.IRRITATION OF EYES,NOSE AND THROAT.MAY BE FATAL. INGESTION:SYSTEMIC POISONING.BURNING PAIN FROM MOUTH TO STOMACH.FATAL

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS OR WITH A PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, OR RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

First Aid

First Aid:INHALATION:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING. GET MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION:DO NOT INDUCE VOMITING. GIVE LARGE AMOUNTS OF MILK OR WATER.NOTHING BY MOUTH IF UNCONSCIOUS.

Fire Fighting

Flash Point Method:TCC

Flash Point:>175F,>79C

Lower Limits:1.5

Extinguishing Media:USE CARBON DIOXIDE, FOAM, DRY CHEMICAL, OR WATER FOG.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &

FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.
Unusual Fire/Explosion Hazard:MAY GENERATE TOXIC GASES ON COMBUSTION.

Accidental Release

Spill Release Procedures:EVACUATE PERSONNEL.WEAR SCBA AND PROTECTIVE CLOTHING AND EQUIPMENT.ABSORB IN INERT MATERIAL AND PLACE IN A CLOSED METAL CONTAINER.

Neutralizing Agent:NOT APPLICABLE.

Handling

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

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. FOR INDUSTRIAL USE ONLY.

Exposure Controls

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL(TLV), USE NIOSH/MSHA APPROVED ORGANIC VAPOR CARTRIDGE AND DUST/MIST PRE-FILTER RESPIRATORS AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/ WARNINGS AND NIOSH-RESPIRATOR SELECTION.

Ventilation:MECHANICAL (GENERAL) ROOM VENTILATION IS NORMALLY ADEQUATE. LOCAL EXHAUST MAY BE REQUIRED IF WORK AREA NOT VENTED.

Protective Gloves:NEOPRENE, NITRILE, PVC OR NATURAL RUBBER

Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER. CHEMICAL BOOTS,SLICKER SUIT.

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

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MISTS.

Chemical Properties

HCC:T3

Boiling Pt:B.P. Text:374F,190C

Melt/Freeze Pt:M.P/F.P Text:Vapor Pres:1

Vapor Density:3.86

Spec Gravity:1.03

pH:5.5

Solubility in Water:5%

Appearance and Odor:AMBER LIQUID.ANTISEPTIC SWEET ODOR.

Stability

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, OPEN FLAMES

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,INCOMPLETELY BURNED CARBON PRODUCTS.

Disposal

Waste Disposal Methods:NOTIFY YOUR LOCAL ENVIRONMENTAL OFFICER.DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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