

MERICHEM COMPANY -- CRESYLIC ACID -- 6810-00-264-9019

===== Product Identification =====

Product ID:CRESYLIC ACID

MSDS Date:07/01/1989

FSC:6810

NIIN:00-264-9019

MSDS Number: BHBYK

=== Responsible Party ===

Company Name:MERICHEM COMPANY

Address:1914 HADEN ROAD

City:HOUSTON

State:TX

ZIP:77015

Country:US

Info Phone Num:713-455-1311

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

CAGE:MERIC

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== Contractor Identification ==

Company Name:INLAND PACKAGING INC

Address:209 PETERSON DR

Box:644

City:ELIZABETHTOWN

State:KY

ZIP:42701-9804

Country:US

Phone:502-737-6757

CAGE:66172

Company Name:MERICHEM COMPANY

Address:1914 HADEN ROAD

Box:City:HOUSTON

State:TX

ZIP:77015

Country:US

Phone:713-455-1311

CAGE:MERIC

===== Composition/Information on Ingredients =====

Ingred Name:PHENOL

CAS:108-95-2

RTECS #:SJ3325000

Fraction by Wt: 7.1%

OSHA PEL:S, 5 PPM

ACGIH TLV:S, 5 PPM; 8990

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PA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:CRESOL, ALL ISOMERS (CRESYLIC ACID) (SARA III)
CAS:1319-77-3
RTECS #:GO5950000
Fraction by Wt: 38.2%
OSHA PEL:S, 5 PPM
ACGIH TLV:S, 5 PPM; 9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:XYLENOL (SARA III)
CAS:1300-71-6
RTECS #:ZE5425000
Fraction by Wt: 33.1%
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:O-ETHYLPHENOL (2-ETHYLPHENOL) (% SHOWN IS FOR THE SUM OF
ORTHO 1.3%,META 7.8% AND PARA 4.4%)
CAS:90-00-6
RTECS #:SL
4025000
Fraction by Wt: 13.5%

Ingred Name:ALKYLATED PHENOLS
Fraction by Wt: 8.1%

===== Hazards Identification =====

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.

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First Aid Measures
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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.

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Fire Fighting Measures
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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.

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Accidental Release Measures
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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.

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Handling and Storage
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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.

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Exposure Controls/Personal Protection
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Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION

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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.

===== Physical/Chemical Properties =====

HCC:T3

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

Melt/Freeze Pt:M.P/F.P Text: