

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

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

Product ID:CRESYLIC ACID

MSDS Date:03/01/1991

FSC:6810

NIIN:00-264-9019

MSDS Number: BKQVH

=== 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:LOS ANGELES CHEMICAL CO

Address:4545 ARDINE ST

Box:1987

City:SOUTH GATE

State:CA

ZIP:90280

Country:US

Phone:213-562-9500

CAGE:75656

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: 29%

Other REC Limits:NONE SPECIFIED

OSHA PEL:S, 5 PPM

ACGIH TLV:S, 5 PPM; 9091

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:M-CRESOL (SARA III)

CAS:108-39-4

RTECS #:GO6125000

Fraction by Wt: 19%

Other REC Limits:NONE SPECIFIED

OSHA PEL:S, 5 PPM

ACGIH TLV:S, 5 PPM; 9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:O-CRESOL (SARA III)

CAS:95-48-7

RTECS #:GO6300000

Fraction by Wt: 17%

Other REC Limits:NONE SPECIFIED

OSHA PEL:S, 5 PPM

ACGIH TLV:S, 5 PPM; 9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:P-CRESOL (SARA III)

CAS:106-44-5

RTECS #:GO6475000

Fraction by Wt: 10%

Other REC Limits:NONE SPECIFIED

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: 10%

Other REC Limits:NONE SPECIFIED

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:ETHYL PHENOLS

Fraction by Wt: 6%

Other REC Limits:NONE SPECIFIED

Ingred Name:PHENOL,2,4-DIMETHYL

Fraction by Wt: 5%

Other REC Limits:NONE SPECIFIED

Ingred Nam

e:ALKYL PHENOLS

Fraction by Wt: 4%

Other REC Limits:NONE SPECIFIED

===== 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:ACUTE-ABSORPTION MAY CAUSE MUSCULAR WEAKNESS,GASTRIC DISTURBANCES,SEVERE DEPRESSION,SHOCK,COLLAPSE & DEATH. INGESTION:CAUSES INTENSE BURNING OF THE MOUTH & THROAT,ABDOMINAL PAIN, NAUSEA.SKIN:PENETRATE S & RE

SULTS BURNS &

DERMATITIS.EYE:SEVERE CORNEAL DAMAGE.INHALATION:EDEMA.CHRONIC-MAY RESULT IN LUNG,LIVER,KIDNEY DAMAGE

Effects of Overexposure:SKIN:DISCOLORATION,ANESTHETIZED,ITCHING,PAIN & TISSUE DESTRUCTION.ALTHOUGH THE EFFECTS ARE PRIMARILY ON THE CNS,EDEMA OF THE LUNGS & INJURY TO THE KIDNEY,LIVER,HEART,PANCREAS & SPLEEN MAY ALSO OCCUR.S OME INDIVIDUALS MAY BE HYPERSENSITIVE TO THIS MATERIAL.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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===== First Aid Measures =====

First Aid:GET MEDICAL CARE IN ALL CASES.EYE: IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES,INCLUDING UNDER THE EYELIDS.SKIN:IMMEDIATELY WASH WITH PLENTY OF WATER & SOAP.INHALATION:REMOVE TO FRESH AIR.GIV E CPR/OXYGEN IF NEEDED.INGESTION:IF CONSCIOUS,DRINK 3 OR MORE GLASSES OF MILK/WATER QUICKLY.NO SPECIFIC ANTIDOTE.

===== Fire Fighting Measures =====

Flash Point:>175F,>79C

Lo

wer Limits:1.5

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

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:CONTAINER EXPLOSION MAY OCCUR UNDER FIRE CONDITIONS.

===== Accidental Release Measures =====

Spill Release Procedures:EVACUATE AREA.SHUT OFF IGNITIO

N SOURCES.WEAR

NIOSH/MSHA APPROVED SELF-CONTAINED BREATHING APPARATUS & PROTECTIVE EQUIPMENT.ABSORB SPILLED LIQUID ONTO INERT MATERIAL & TRANSFER INTO DISPOSAL DRUM.LARGE SPILLS SHOULD BE REMOVED USING A VACUUM TRUCK.

Neutralizing Agent:NOT GIVEN

==== Handling and Storage =====

Handling and Storage Precautions:STORAGE-STORE IN COOL,WELL VENTILATED PLACE AWAY FROM IGNITION SOURCES.

Other Precautions:DANGER! CORROSIVE & POISON.BURNS EYES AND

SKIN.HARMFUL IF SWALLOWED.AVOID CONTACT WITH EYES,SKIN OR CLOTHING.AVOID BREATHING VAPORS,MISTS OR SPRAY.DO NOT TAKE INTERNALLY.KEEP CONTAINER CLOSED.USE WITH ADEQUATE VENTILATION.

==== Exposure Controls/Personal Protection =====

Respiratory Protection:USE NIOSH/MSHA APPROVED AIR PURIFYING RESPIRATOR EQUIPPED WITH ORGANIC VAPOR CARTRIDGES WHEN PERMISSIBLE EXPOSURE LIMITS ARE EXCEEDED. WHEN CONCENTRATION IS UNKNOWN, USE NIOSH/MSHA APPROVED AIR SUPPLI E D RESPIRATOR.

Ventilation:PROVIDE GENERAL VENTILATION TO MEET OSHA PERMISSIBLE EXPOSURE LIMITS (OSHA PEL).

Protective Gloves:HEAVY PVC OR BUTYL-VITON

Eye Protection:CHEMICAL SAFETY GOGGLES & FACE SHIELD

Other Protective Equipment:USE RUBBER SPLASH APRON AND RUBBER BOOTS. EYEWASH AND SAFETY SHOWER SHOULD BE LOCATED NEARBY.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

FORMULATION CHANGED. FRO PREVIOUS FORMULATION, PLEASE SEE P/N A SAME NSN. THI

S PRODUCT, ALTHOUGH REFERRED TO AS CRESYLIC ACID, IS NOT CRESYLIC ACID FOR CERCLA (40 CFR 302.4) PURPOSES (PER MSDS).

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

HCC:T3

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

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