

ALLIED CHEMICAL CORPORATION. -- MURIACTIC ACID,20 BE' -- 6810-00-236-5665

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Product Identification  
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Product ID:MURIACTIC ACID,20 BE'

MSDS Date:01/01/1985

FSC:6810

NIIN:00-236-5665

MSDS Number: BDLTH

=== Responsible Party ===

Company Name:ALLIED CHEMICAL CORPORATION.

Address:COLUMBIA RD & PARK AVE

Box:1087R

City:MORRISTOWN

State:NJ

ZIP:07960

Country:US

CAGE:1L168

=== Contractor Identifica

tion ===

Company Name:ALLIED CHEMICAL COMPANY

Box:1087R

CAGE:1L168

Company Name:ALLIED-SIGNAL INC

Address:Box:2332R

City:MORRISTOWN

State:NJ

ZIP:07962-2332

Country:US

Phone:201-455-4414

CAGE:1L164

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Composition/Information on Ingredients  
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Ingred Name:HYDROGEN CHLORIDE (HYDROCHLORIC ACID) (SARA III)

CAS:7647-01-0

RTECS #:MW4025000

Fraction by Wt: 31.5%

OSHA PEL:C 5 PPM

ACGIH TLV:C 5 PPM; 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 68.5%

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

Effects of Overexposure:SEVERE SKIN BURNS AND WILL IRRITATE OR BURN EYES AND RESPIRATORY TRACT CAUSING CHOKING.

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

First Aid:IMMEDIATELY FLUSH SKIN OR EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.USE SHOWER AND REMOVE CLOTHES IF CONTAMINATED.IF INHALED,REMOVE FROM CONTAMINATED ATMOSPHERE.GIVE ARTIFICIAL RESPIRATION.GET DOCTOR.

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

Extinguishing Media:NON FLAMMABLE

Fire Fighting Procedures:USE A GAS MASK, AS HYDROCHLORIC ACID GAS IS RELEASED BY HEAT

Unusual Fire/Explosion Hazard:REACTION WITH STEEL AND COMMON METALS PRODUCE EXPLOSIVE HYDROGEN GAS.

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

Spill Release Procedures:AVOID BREATHING VAPORS.USE PLASTIC EQUIPMENT,PAILS FOR ANY ACID REMOVAL

.COVER WITH SODIUM CARBONATE OR AN EQUAL MIXTURE OF SODA ASH AND SLAKED LIME. AFTER MIXING,ADD WATER IF NECESSARY TO FORM A SLURRY.

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

Handling and Storage Precautions:PROTECT CONTAINER AGAINST PHYSICAL DAMAGE. STORE IN A COOL DRY AREA,WELL VENTILATED AND AWAY FROM HEAT AND OXIDIZERS.

Other Precautions:AVOID CONTACT WITH METALS,ETHYLENE AND IGNITION SOURCES.FUMES WILL RUST METALS.

===== Exposure Con

trols/Personal Protection =====

Respiratory Protection:RESPIRATOR APPROVED BY U.S.BUREAU OF MINES.  
Ventilation:MECHAN/LOCAL-ADEQUATE TO MAINTAIN EXPOSURE BELOW TLV  
Protective Gloves:RUBBER/PLASTIC  
Eye Protection:CHEMICAL SAFETY GOGGLE  
Other Protective Equipment:RUBBER OR PLASTIC BODY  
PROTECTION(APRONS,ETC.) PLASTIC GLOVES  
Supplemental Safety and Health

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

HCC:C1  
Boiling Pt:B.P. Text:182F,83C  
Vapor Pres:24  
Spec Grav  
ity:1.16  
Evaporation Rate & Reference:< 1 (ETHER)  
Solubility in Water:COMPLETE  
Appearance and Odor:COLORLESS TO SLIGHTLY YELLOW LIQUID WITH A SHARP  
ODOR.  
Percent Volatiles by Volume:100%

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES  
REACTS WITH MOST METALS AND CHEMICALS,PARTICULARLY ALKALIES.  
Stability Condition to Avoid:SLOW RELEASE OF HCL GAS,INCREASING WITH  
HEAT.  
Hazardous Decomposition Products:HCL GAS FROM HEATIN  
G. HYDROGEN GAS  
REACTION WITH METALS.

===== Disposal Considerations =====

Waste Disposal Methods:NEUTRALIZE WITH ALKALI AND FLUSH TO SEWER IF  
PERMITTED BY DISPOSAL REGULATIONS.DISPOSAL BY DISPOSAL CONTRACTOR  
MAY OTHERWISE BE NEEDED.

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