

ALLIED CHEMICAL CORP -- MURIATIC ACID,23 BE' -- 6810-00-237-2955

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

Product ID:MURIATIC ACID,23 BE'

MSDS Date:01/01/1985

FSC:6810

NIIN:00-237-2955

MSDS Number: BDLZC

=== Responsible Party ===

Company Name:ALLIED CHEMICAL CORP

Address:COLUMBIA RD & PARK AVE

Box:1087R

City:MORRISTOWN

State:NJ

ZIP:07960

Country:US

CAGE:1L168

=== Contractor Identification ===

Company Name:

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

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

Ingred Name:HYDROGEN CHLORIDE (HYDROCHLORIC ACID) (SARA III)

CAS:7647-01-0

RTECS #:MW4025000

Fraction by Wt: 36.5%

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: 63.5%

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Hazards Identification
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Effects of Overexposure:SEVERE SKIN BURNS,EYES,AND RESPIRATORY TRACT.INTERNAL BURNS CAN BE FATAL.

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First Aid Measures
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First Aid:EYES:IRRIGATE EYES WITH WATER FOR 15 MINUTES.GET IMMEDIATE ATTENTION.BODY:WASH WITH SOAP AND WATER.INGESTION: STOMACH WASH WITH 5% SODIUM CARBONATE SOLUTION,FOLLOWED BY DROP OF ALUMINUM HYDROXIDE GEL.P ROVIDE OXY GEN,IF INDICATED.EXPOSURE:REMOVE TO FRESH

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Fire Fighting Measures
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Extinguishing Media:NOT FLAMMABLE
Fire Fighting Procedures:USE MASK OR RESPIRATOR FOR HCL GAS(APPROVED BUREAU OF MINES)
Unusual Fire/Explosion Hazard:REACTS WITH STEEL AND COMMON METALS TO PRODUCE EXPLOSIVE,FLAMMABLE HYDROGEN GAS.

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Accidental Release Measures
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Spill Release Procedures:COVER W SODIUM CARBONATE OR AN EQUAL MIX OF SODA ASH/SLAKED LIME.AFTER MIXING,ADD WATER IF NECESSARY TO FORM SLURRY. FLUSH W.LG AMTS WATER.PROVIDE AMPLE VENTILATION AS CO2 GAS IS EVOLVED DURING NEUTRA LIZATION.

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Handling and Storage
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Handling and Storage Precautions:PROTECT AGAINST PHYSICAL DAMAGE,STORE IN COOL,WELL-VENTILATED PLACE.AVOID OXIDIZERS,HEAT,SUNLIGHT.AVOID CONTACT W. METALS,SULFIDES-SUCH AS EFLUNT WAST
Other Precautions:AVOID ETHYLENE CONTACT,IGNITION,CONTACT WITH METAL S.
UNNEUTRALIZED ACID MUST NOT CONTACT SULFIDE GAS.

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Exposure Controls/Personal Protection
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Respiratory Protection:SELF-CONTAINED BREATHING APPARATUS,U.S.BUREAU OF MINES
Ventilation:AS NECESSARY TO ELIMINATE FUMES
Protective Gloves:RUBBER/PLASTIC
Eye Protection:CHEM SAFETY GOGGLES
Other Protective Equipment:FACE SHIELD,RUBBER APRON,RUBBER BOOTS,RUBBER CLOTHING.
Supplemental Safety and Health

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Physical/Chemical Properties
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HCC:C1

Boiling Pt:B.P. Text:244F,118C

Vapor Pres:28

Spec Gravity:1.16

Evaporation Rate & Reference:< 1 ETHER

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR,COLORLESS LIQUID,PUNGENT ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

REACTS W.METALS,CHEMICALS,ALKALIES,ORGANICS,OXIDIZERS.

Stability Condition to Avoid:HCL GAS EVOLVED FROM UNCONFINED ACID.

Hazardous Decomposition Pr

oducts:H2 GAS WHEN REACT W.METALS.HCL GAS

EVOLVED ACID HEATED.

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

Waste Disposal Methods:NEUTRALIZE W.SODA ASH OR SLAKED LIME AND FLUSH
W. WATER.DISPOSE INTO AN APPROVED CONTAINER ACCORDING TO
LOCAL,STATE AND FEDERAL REGULATIONS.

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