

CHASE CHEMICAL CO, INC -- MURIATIC ACID, 20 BE -- 6810-00-348-9542

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Product Identification  
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Product ID:MURIATIC ACID, 20 BE

MSDS Date:01/01/1985

FSC:6810

NIIN:00-348-9542

MSDS Number: BDWYQ

=== Responsible Party ===

Company Name:CHASE CHEMICAL CO, INC

Address:13546 DESMOND ST

City:PACOIMA

State:CA

ZIP:91331-2315

Country:US

CAGE:8P578

=== Contractor Identification ===

Company Name:CHASE

CHEMICAL CO INC

Address:13546 DESMOND ST

Box:City:PACOIMA

State:CA

ZIP:91331-2315

Country:US

CAGE:8P578

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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: 31.4%

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%

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Hazards Identification  
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Effects of Overexposure:EYE/SKIN: IRRIT OR BURNS. VAPORS: CHOKING.  
INGESTION: INTERNAL BURNS & BE FATAL.

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First Aid Measures

First Aid:EYE: FLUSH WITH WATER 15 MIN,GET MED ATTN. SKIN: FLUSH WITH  
WATER,GET MED ATTN. INHALATION: REMOVE FROM EXPOSURE GET MED ATTN.  
INGESTION: DRINK LARGE AMOUNTS OF WATER,GET MED ATTN.

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Fire Fighting Measures

Fire Fighting Procedures:SELF-C  
ONTAINED BREATHING APPARATUS  
Unusual Fire/Explosion Hazard:HYDROCHLORIC ACID REACTS WITH COMMON  
METALS TO PRODUCE HYDROGEN GAS WHICH IS FLAMMABLE/EXPLOSIVE

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Accidental Release Measures

Spill Release Procedures:FLUSH SPILL WITH LOTS OF WATER. NEUTRALIZE  
RESIDUE WITH ALKALIES,SUCH AS SOAD ASH OR LIME. PROVIDE AMPLE  
VENTILATION AS NEUTRALIZATION WILL EVOLVE CARBON DIOXIDE GAS.

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Handling and Storage

Handling and Storage Precautions:STORE IN DRY WELL VENTILATED AREA AWAY  
FROM HEAT & SUN. AVOID STORAGE WITH OXIDIZING SUBSTANCE. AVOID  
CONTACT WITH METALS.  
Other Precautions:UNNEUTRALIZED ACID MUST NOT CONTACT SULFIDES (SUCH AS  
SULFIED WASTES IN SEWERS) TO AVOID EVOLVING POISONOUS HYDROGEN  
SULFIDE GAS.

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Exposure Controls/Personal Protection

Respiratory Protection:NIOSH/MSHA APPROVED RESP DEVICE IN ACCORD WITH  
EXPOSURE OF CONCERN  
Ventilation:LOCA  
L EXHAUST  
Protective Gloves:RUBBER/PLASTIC  
Eye Protection:CHEM SAFETY GOGGLES  
Other Protective Equipment:FACE SHIELD,RUBBER APRON,BOOTS & RUBBER  
CLOTH. SAFETY SHOWER  
Supplemental Safety and Health  
CONTAINER SIZE: 55 GAL DRUM

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Physical/Chemical Properties

HCC:C1  
Boiling Pt:B.P. Text:182F,83C  
Vapor Pres:20  
Spec Gravity:1.16  
Evaporation Rate & Reference:< 1 (ETHER)  
Solubility in Water:COMPLETE  
Appearance and Odor:COLORLESS TO SLIGHT YELLOW LIQUID. SH

ARP ACID ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

MOST METALS,CHEMICALS,INC, ALKALIES & ORGANICS

Hazardous Decomposition Products:HYDROGEN CHLORIDE GAS

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

Waste Disposal Methods:NEUTRALIZE WITH ALKALI AND FLUSH TO SEWER IF  
PERMITTED BY LOCAL,STATE & FEDERAL REGULATIONS.

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