

CHASE CHEMICAL CO,INC -- MURIATIC ACID,20 BE -- 6810-00-222-9642

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Product Identification
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Product ID:MURIATIC ACID,20 BE

MSDS Date:01/01/1985

FSC:6810

NIIN:00-222-9642

MSDS Number: BDKCD

=== 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 CHEMI

CAL 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.

===== 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.

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

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

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

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

===== 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.

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

Respiratory Protection:NIOSH/MSHA APPROVED RESP DEVICE IN ACCORD WITH EXPOSURE OF CONCERN
Ventilation:LOCAL 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: 1 GAL BOTTLE

===== 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 WITH A

SHARP 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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