

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

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 C
HEMICAL CO INC
Address:13546 DESMOND ST
Box:City:PACOIMA
State:CA
ZIP:91331-2315
Country:US
CAGE:8P578

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

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%

===== 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-CO
NTAINED 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 SOAD ASH OR LIME. PROVIDE AMPLE
VENTILATION AS NEUTRALIZATION WILL EVOLVE CARBON DIOXIDE GAS.

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

H
andling 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: 55 GAL DRUM

===== 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. SHA

RP 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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