

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

CHEMICAL 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
=====

=====
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-C
ONTAINED 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

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: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

=====
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.

Disclaimer (provided with this information by
the compiling agencies):

This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.