

HYDROCHORIC ACID, 20-22 DEG BAUME

MSDS Number

BHBYF

National Stock Number

6810-00-236-5665

Product Name

HYDROCHORIC ACID, 20-22 DEG BAUME

Manufacturer

REAGENT CHEMICAL AND RESEARCH INC

Product Identification

Product ID:HYDROCHORIC ACID, 20-22 DEG BAUME

MSDS Date:07/01/1988

FSC:6810

NIIN:00-236-5665

MSDS Number: BHBYF

Responsible Party

REAGENT CHEMICAL & RESEARCH INC.

124 RIVER ROAD

MIDDLESEX , NJ 08846

US

Emergency Phone: 800-231-1807/800-424-9300(CHEMTREC)

Info Phone: 800-231-1807

Cage: 0UAP0

Contractor

REAGENT CHEMICAL AND RESEARCH INC WHITE FLYER DIV

MIDDLESEX, NJ 08846

US

800-231-1807/800-424-9300(CHEMTREC)

Cage: 0UAP0

Ingredients

HYDROGEN CHLORIDE (HYDROCHLORIC ACID) (SARA III)

CAS: 7647-01-0

RTECS: MW4025000

Fraction By Weight: 31.5-36%

OSHA PELC 5 PPM

ACGIH TLV: C 5 PPM; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

Hazards

LD50 LC50 Mixture:LD50 (ORAL RABBIT) IS 900 MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE-EYES:SEVERE IRRITATION,PAINFUL

BURNS. SKIN:SEVERE BURNS. INHALATION:ULCERATION OF

NOSE,THROAT,LARYNX. INGESTION: SEVERE BURNS OF MUCOUS MEMBRANE OF

Medical Cond Aggravated by Exposure: PERSONS WITH PRE-EXISTING DISEASE INVOLVING SKIN, OR RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

First Aid:INHALATION:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING. GET MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOV E CONTAMINATED CLOTHING. WASH WITH SOAPAND WATER. GET MEDICAL ATTENTION. INGESTION:DRINK 2-3 GLASSES OF WATER.DO NOT INDUCE VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE MEDICAL ATTEN

Unusual Fire/Explosion Hazard:THOUGH NON-FLAMMABLE, HYDROCHLORIC ACID REACTS WITH ALL METALS, EXCEPT GOLD AND PLATINUM, WITH RAPID EVOLUTION OF HYDROGEN WHICH IS FLAMMABLE AND EXPLOSIVE.

Neutralizing Agent: LIME (CALCIUM HYDROXIDE), SODA ASH (SODIUM CARBONATE), LIMESTONE (CALCIUM CARBONATE)

Other Precautions: DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. FOR INDUSTRIAL USE ONLY.

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO

NOT BREATHE VAPORS OR MISTS.

Chemical Properties

HCC:C1

Boiling Pt:B.P. Text:230F,110C

Vapor Pres:50-60

Spec Gravity:1.160-1.1789

Solubility in Water:COMPLETE

Appearance and Odor:LIQUID WITH SHARP, PUNGENT, IRRITATING ODOR.

Stability

Stability Indicator/Materials to Avoid:YES

METALS OF ALL TYPES.

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION WHEN THE ACID IS IN CONTACT WITH METALS.

Hazardous Decomposition Products:POISONOUS CHLORINE GAS.

Disposal

Waste Disposal Methods:NOTIFY YOUR LOCAL ENVIRONMENTAL OFFICER.DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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