

HOOKER CHEMICALS & PLASTICS CORP -- MURIATIC ACID, 20 BE -- 6810-00-823-8010

===== Product Identification =====

Product ID:MURIATIC ACID, 20 BE

MSDS Date:01/01/1987

FSC:6810

NIIN:00-823-8010

MSDS Number: BFRCP

=== Responsible Party ===

Company Name:HOOKER CHEMICALS & PLASTICS CORP

Address:75 RIVER RD

City:NUTLEY

State:NJ

ZIP:07110-3513

Country:US

Emergency Phone Num:800-424-9300(CHEMTREC)

CAGE:736

75

=== Contractor Identification ===

Company Name:HOOKER CHEMICALS & PLASTICS CORP.,DUREZ DIVISION

Box:728

CAGE:73675

Company Name:OMI INTERNATIONAL CORP

Address:75 RIVER RD

Box:City:NUTLEY

State:NJ

ZIP:07110-3513

Country:US

CAGE:04767

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

Ingred Name:HYDROGEN CHLORIDE (HYDROCHLORIC ACID) (SARA III)

CAS:7647-01-0

RTECS #:MW4025000

Fraction by Wt: 31.5%

OSHA PEL:C 5 PPM

ACGIH TLV:C 5 PPM; 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000

===== Hazards Identification =====

LD50 LC50 Mixture:LD50 ORAL RABBIT IS 900MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:**CORROSIVE** EYES:MAY CAUSE SEVERE IRRITATION,BURNS AND POSSIBLE PERMANENT VISUAL IMPAIRMENT.SKIN:MAY CAUSE SEVERE IRRITATION,BURNS AND ULCERATIONS.INGEST:MAY CAUSE SEVERE GI TRACT IRRITATION.INHAL:M AY CAUSE SEVERE RESPI RATORY IRRITATION.CHRONIC:MAY DAMAGE LUNGS AND TEETH AND CAUSE DERMATITIS.
Explanation of Carcinogenicity:HYDROCHLORIC ACID IS CLASSIFIED IARC-3(INSUFFICIENT EVIDENCE-HUMAN).
Effects of Overexposure:EYES/SKIN:CAUSE BURNS,IRRITN.DAMAGES EYE-BLINDNESS;INHAL:IRRIT RESP TRACT;INGEST:IRRIT/BURNS GI
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN OR RESPIRATORY AILMENTS MAY BE AT INCREASED RISK FROM EXPOSURE.

===== First Aid Measures =====
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First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND WATER.GET MEDICAL ATTENTION.EYES:FLUSH WITH WATER FOR 15 MINUTES.GET MEDICAL ATTENTION.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRAT ION IF NEEDED.GET MEDICAL ATTENTION.INGEST:DO NOT INDUCE VOMITING.GET PROMPT QUALIFIED MEDICAL ATTENTION.IF CONSCIOUS,GIVE WATER OR MILK OR MAGNESIA.

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

Flash Point:NONE
Extinguishing Med ia:EXTINGUISH WITH AGENT SUITABLE FOR SURROUNDING FIRE
Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER FOG.
Unusual Fire/Explosion Hazard:REACTS W/METALS TO EMIT H2 GAS WHICH MAY FORM EXPLOSIVE MIXTURES WITH AIR.

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

Spill Release Procedures:ELIMINATE IGNITION SOURCES. STOP LEAK W/O RISK. EVACUATE AREA. SM SPILL:ABSORB WITH INER

T ABSORBENT,FLUSH
AREA WITH WATER. LG SPILL:NEUTRALIZE WITH SODA ASH. FLUSH
NEUTRALIZED SOLUTION TO SEWER IN ACC ORDANCE WITH INTERNATIONAL
FED,STA, & LOCAL REGS.
Neutralizing Agent:SODA ASH

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

Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENTILATED
AREA. PROTECT FROM PHYSICAL DAMAGE.AVOID ANY PHYSICAL CONTACT. KEEP
CONTAINERS TIGHTLY CLOSED
Other Precautions:STORE AWAY FROM HNO3, CHLORATES & SULFID
ES.DO NOT
BREATHE VAP/MIST.AVOID SKIN/CLOTHING CONTACT.

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

Respiratory Protection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN
ENCLOSED SPACES USE EITHER A SELF-CONTAINED BREATHING APPARATUS OR
A NIOSH/MSHA APPROVED RESPIRATOR FOR ACID GAS,DEPENDING ON THE
AIRBORN CONCENTRATION.
Ventilation:LOCAL VENTILATION AT THE WORKSITE;MECHANICAL(GENERAL)
VENTILATION TO MAINTAIN TLV/PEL.
Protective Gloves:RUBBER/NEOPREN
E
Eye Protection:GOGGLES/FACE SHIELD
Other Protective Equipment:FULL PROTECTIVE CLOTHING,SAFETY SHOWER,EYE
WASH STATION
Work Hygienic Practices:WASH HANDS.SEPERATE WORK CLOTHES FROM STREET
CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK
AREA.
Supplemental Safety and Health
MSDS FM MFR DATED:10/76; SPEC REF: O-H-765C

===== Physical/Chemical Properties =====

HCC:C1
Boiling Pt:B.P. Text:230F,110C
Spec Gravity:1.160
Solubility in Water:CO

MPLETE

Appearance and Odor: CLEAR, COLORLESS TO FAINT YELLOW LIQUID WITH A PUNGENT ODOR.

Percent Volatiles by Volume: 100

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

Stability Indicator/Materials to Avoid: YES

OXIDIZERS, FLAMM LIQUIDS, MOST METALS & STRONG ALKALIS, NH₃

Stability Condition to Avoid: AVOID CONTACT W/METALS & SULFIDES.

Hazardous Decomposition Products: HCL GAS, H₂ & CL₂ GAS

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

Waste Disposal Methods:

KEEP IN COVERED DRUMS, PENDING DISPOSAL. HANDLE & DISPOSE IN FULL COMPLIANCE WITH ALL APPLICABLE INTERNATIONAL, FEDERAL, STATE, & LOCAL REGULATIONS.

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