

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

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Product Identification  
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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

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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: 31.5%

OSHA PEL:C 5 PPM

ACGIH TLV:C 5 PPM; 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000

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===== 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.

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===== 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.

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===== 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.

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===== 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

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===== 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.

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===== 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

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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

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

HCC:C1

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

Spec Gravity:1.160

Solubility in Water:CO

MPLATE

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, NH<sub>3</sub>

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

Hazardous Decomposition Products: HCL GAS, H<sub>2</sub> & CL<sub>2</sub> 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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