

R-379 ACID DILUTING SOLUTION

MSDS Number

BBCHX

National Stock Number

6810-00D000117

Product Name

R-379 ACID DILUTING SOLUTION

Manufacturer

HELLIGE INC

Product Identification

Product ID:R-379 ACID DILUTING SOLUTION

MSDS Date:01/01/1985

FSC:6810

NIIN:00D000117

MSDS Number: BBCHX

Responsible Party

HELLIGE,INC.

185 MARINE ST

FARMINGDALE , NY 11735

US

Cage: DO949

Contractor

ORBECO ANALYTICAL SYSTEMS INC

FARMINGDALE, NY 11735

US

516-293-4110

Cage: 90767

Ingredients

HYDROGEN CHLORIDE (HYDROCHLORIC ACID) (SARA III)

CAS: 7647-01-0

RTECS: MW4025000

Fraction By Weight: 12.0%

OSHA PELC 5 PPM

ACGIH TLV: C 5 PPM; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

SULFURIC ACID (SARA III)

CAS: 7664-93-9

RTECS: WS5600000

Fraction By Weight: 4.0%.

OSHA PEL1 MG/M3

ACGIH TLV: 1 MG/M3; 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

Hazards

Effects of Overexposure: BURNS, IRRITATES, POISON

First Aid

First Aid: HANDLE THIS REAGENT WITH CARE. DO NOT GET IN EYES, MOUTH, SKIN, OR CLOTHES. AVOID INHAL. EYES/SKIN: FLUSH WITH WATER FOR 15 MIN. INGEST: GIVE TAP WATER CONTAINING MILK OF MAGNESIA, FOLLOWED BY EGG WHITES.

Fire Fighting

Extinguishing Media: WATER

Fire Fighting Procedures: NONE

Unusual Fire/Explosion Hazard: NONE

Accidental Release

Spill Release Procedures: FLUSH SPILLED MATERIAL W/LARGE VOLUME OF WATER, THEN NEUTRALIZE WITH SODIUM CARBONATE OR BAKING SODA.

Handling

Handling and Storage Precautions: AVOID PUNCTURING POLYETHYLENE BOTTLES

Other Precautions: AVOID HIGH TEMP.

Exposure Controls

Respiratory Protection: AVOID INHALATION

Ventilation: LOCAL EXHAUST IS ACCEPTABLE. MECHANICAL IS PREFERRED.

Protective Gloves: PLASTIC

Eye Protection: SAFETY GOGGLES

Other Protective Equipment: PLASTIC APRON

Supplemental Safety and Health

Chemical Properties

HCC: C1

Boiling Pt: B.P. Text: 217F

Vapor Pres: 20.

Vapor Density: 1.27

Spec Gravity: 1.1

Evaporation Rate & Reference: AS WATER

Solubility in Water: COMPLETE

Appearance and Odor: COLORLESS LIQUID, ODORLESS.

Percent Volatiles by Volume: 96.0

Stability

Stability Indicator/Materials to Avoid: YES

Stability Condition to Avoid: AVOID CONTACT WITH MOUTH, EYES, SKIN, OR CLOTHES; DO NOT BREATHE

Hazardous Decomposition Products: HCL FUMES.

Conditions to Avoid Polymerization: STORE AT ROOM TEMP. PROTECT FROM HIGH TEMP.

Disposal

Waste Disposal Methods: WASH WITH PLENTY OF WATER INTO AN APPROVED DISPOSAL AREA.

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