

OCTAGON PROCESS,INC -- HYDROCHLORIC ACID -- 6810-00-237-2955

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

Product ID:HYDROCHLORIC ACID

MSDS Date:01/01/1985

FSC:6810

NIIN:00-237-2955

MSDS Number: BDLZM

=== Responsible Party ===

Company Name:OCTAGON PROCESS,INC

Address:596 RIVER ROAD

City:EDGEWATER

State:NJ

ZIP:07020-1105

Country:US

Info Phone Num:201-945-9400

Emergency Phone Num:201-945-9400

CAGE:DO973

=== C

Contractor Identification ===

Company Name:OCTAGON PROCESS INC.

Address:596 RIVER ROAD

Box:City:EDGEWATER

State:NJ

ZIP:07020

Country:US

Phone:201-945-9400

CAGE:82925

Company Name:OCTAGON PROCESS,INC.

Address:596 RIVER ROAD

City:EDGEWATER

State:NJ

ZIP:07020-1105

Country:US

Phone:201-945-9400

CAGE:DO973

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

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

CAS:7647-01-0

RTECS #:MW4025000

OSHA PEL:C 5 PPM

ACGIH TLV:C 5 P

PM; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

Effects of Overexposure:NOSEBLEEDS,BLEEDING OF THE GUMS,ULCERATION OF
NASAL & ORAL MUCOSA.SEVER BURN TO EYES & INTERNAL ORGA

===== First Aid Measures =====

First Aid:EYES:IRRIGATE EYES WITH WATER.BODY:WASH BODY WITH SOAP &
WATER.INGESTION:STOMACH WASH WITH 5% SODIUM CARBONATE SOLUTION,
FOLLOWED BY DROP OF ALUMINUM HYDROXIDE
GEL.PROVIDE OXYGEN,IF
INDICATED. EXPOSUR E:REMOVE TO FRESH AIR. CALL DOCTOR.

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

Extinguishing Media:WATER
Fire Fighting Procedures:NEUTRALIZE WITH SODA ASH OR SLAKED LIME.
PROTECTIVE CLOTHING
Unusual Fire/Explosion Hazard:CONTACT WITH COMMON METALS PRODUCES
HYDROGEN GAS MAY FORM EXPLOSIVE MIXTURES WITH AIR

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

Spill Release Procedures:COVER WITH SODIUM
CARBONATE OR AN EQUAL
MIXTURE OF SODA ASH AND SLAKED LIME. AFTER MIXING,ADD WATER IF
NECESSARY TO FORM A SLURRY.

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

Handling and Storage Precautions:PROTECT AGAINST PHYSICAL DAMAGE,STORE
IN COOL,WELL VENTILATED PLACE AWAY FROM ALL OXIDIZING MATERIALS
Other Precautions:AVOID ETHYLENE CONTACT IGNITION, CONTACT WITH METALS.
UNEUTRALIZED ACID MUST NOT CONTACT SULFIDE GAS.

===== Exposure Controls/Personal Pr

rotection =====

Respiratory Protection:SELF-CONTAINED BREATHING APPARATUS

Ventilation:GENERAL-YES

Protective Gloves:YES

Eye Protection:YES

Other Protective Equipment:UNDER HIGH CONCENTRATIONS USE PROTECTIVE CLOTHING

Supplemental Safety and Health

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

HCC:C1

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

Spec Gravity:1.19

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR, COLORLESS TO SLIGHTLY YELLOW LIQUID. PUNGENT ODOR.

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

Stability Indicator/Materials to Avoid:YES

HYDROGEN GAS WHEN REACTING WITH COMMON METALS

Stability Condition to Avoid:CONTACT WITH OXIDIZING MATERIALS

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

Waste Disposal Methods:NEUTRALIZE WITH SODA ASH OR SLAKED LIME AND FLUSH WITH WATER.DISPOSE INTO A APPROVED CONTAINER.

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