

=====
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

=== Contractor Identification ===

Company Name:OCTAGON PROCESS INC.

A

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 PPM; 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 A IR. 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 Protection =====

Respiratory Protection:SELF-CONTAINED B REATHING 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.

==== 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.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense

The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.