

## **HYDROCHLORIC ACID**

### **MSDS Number**

BDBJG

### **National Stock Number**

6810-00-138-2484

### **Product Name**

HYDROCHLORIC ACID

### **Manufacturer**

OCTAGON PROCESS INC

### **Product Identification**

Product ID:HYDROCHLORIC ACID

MSDS Date:01/01/1985

FSC:6810

NIIN:00-138-2484

MSDS Number: BDBJG

### **Responsible Party**

OCTAGON PROCESS,INC

596 RIVER ROAD

EDGEWATER , NJ 07020-1105

US

Emergency Phone: 201-945-9400

Info Phone: 201-945-9400

Cage: DO973

### **Contractor**

OCTAGON PROCESS,INC.

EDGEWATER, NJ 07020-1105

US

201-945-9400

Cage: DO973

### **Ingredients**

HYDROGEN CHLORIDE (HYDROCHLORIC ACID) (SARA III)

CAS: 7647-01-0

RTECS: MW4025000

Fraction By Weight: 37%

OSHA PELC 5 PPM

ACGIH TLV: C 5 PPM; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

### **Hazards**

Effects of Overexposure:NOSEBLEEDS,BLEEDING OF GUMS,ULCERATION OF NASAL AND ORAL MUCOSA

### **First Aid**

First Aid:SKIN CONTACT - FLUSH WITH PLENTY OF WATER. REMOVE CONTAMINATED CLOTHING.INGESTION-TSP MAGNESIA SOAP SOFTENED IN

WATER. MILK OR EGG WHITE. EXPOSURE-REMOVE TO FRESH AIR. EYES- FLUSH WITH WATER, CALL A P HYSICIAN.

## Fire Fighting

Flash Point:NONE  
Extinguishing Media:WATER  
Fire Fighting Procedures:NEUTRALIZE WITH SODA ASH OR SLAKED LIME.FULL PROTECTIVEGEAR  
Unusual Fire/Explosion Hazard:CONTACT WITH COMMON METALS PRODUCES HYDROGEN TO FORM EXPLOSIVE MIXTURES WITH AIR

## Accidental Release

Spill Release Procedures:FLUSH WITH WATER OR NEUTRALIZE WITH SODA ASH OR SLAKED LIME

## Handling

Handling and Storage Precautions:PROTECT AGAINST PHYSICAL DAMAGE,STORE IN COOL, WELL VENTILATED PLACE AWAY FROM ALL OXIDIZING MATERIALS  
Other Precautions:KEEP OUT OF DIRECT SUN

## Exposure Controls

Ventilation:GENERAL  
Protective Gloves:YES  
Eye Protection:YES  
Other Protective Equipment:USE PROTECTIVE CLOTHING WHEN USING HIGH CONCENTRATIONS  
Supplemental Safety and Health

## Chemical Properties

HCC:C1  
Boiling Pt:B.P. Text:230F,110C  
Spec Gravity:1.19  
Solubility in Water:YES  
Appearance and Odor:CLEAR, COLORLESS TO PALE YELLOW LIQUID WITH A PUNGENT ODOR.

## Stability

Stability Indicator/Materials to Avoid:YES  
Stability Condition to Avoid:CONTACT WITH OXIDIZING MATERIALS  
Hazardous Decomposition Products:HYDROGEN GAS WHEN REACTING WITH COMMON METALS

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