

## **HYDROCHLORIC ACID, 2.4N, RBC 1032**

### **MSDS Number**

BRDNG

### **National Stock Number**

6810-00N034475

### **Product Name**

HYDROCHLORIC ACID, 2.4N, RBC 1032

### **Manufacturer**

BARCLAY CHEMICAL CO INC

### **Product Identification**

Product ID:HYDROCHLORIC ACID, 2.4N, RBC 1032

MSDS Date:11/14/1991

FSC:6810

NIIN:00N034475

MSDS Number: BRDNG

### **Responsible Party**

BARCLAY CHEMICAL CO INC

150 COOLIDGE AVE

WATERTOWN , MA 02172

US

Emergency Phone: 617-926-3400;800-424-9300(CHEMTREC)

Info Phone: 617-926-3400

Cage: 1HA92

### **Contractor**

BARCLAY CHEMICAL CO

WATERTOWN, MA 02172

US

617-926-3400

Cage: 1HA92

### **Ingredients**

HYDROCHLORIC ACID

CAS: 7647-01-0

RTECS: MW4025000

Fraction By Weight: 7%

OSHA PEL5 PPM STEL, C

ACGIH TLV: 5 PPM STEL, C

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

WATER

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: TO 100%

## Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:PRODUCT MAY BE CORROSIVE TO EYES, SKIN AND RESPIRATORY TRACT. ACUTE: TOXIC DUE TO CORROSIVITY. CHRONIC: VAPOR AND MIST MAY ERODE EXPOSED TEETH. OVEREXPOSURE: CAUSES SEVERE BURNS TO ALL EXPOSED TISSUES .  
Explanation of Carcinogenicity:NOT RELEVANT  
Effects of Overexposure:SEE HEALTH HAZARDS.  
Medical Cond Aggravated by Exposure:RESPIRATORY CONDITIONS, EYE OR SKIN DISORDERS.

## First Aid

First Aid:INHAL: REMOVE TO FRESH AIR. GIVE ARTF RESP IF NEC. CALL PHYS.  
EYE: IMMED FLUSH W/PLENTY OF WATER FOR @ LST 15 MIN. HOLD EYELIDS OPEN TO ENSURE COMPLETE RINSING OF EYE. CALL A PHYS. SKIN: IMMED FLUSH W /PLENTY OF WATER FOR @ LST 15 MIN. CALLA PHYS. INGEST: DO NOT INDUCE VOMIT. GIVE LG QTY OF WATER. GIVE @ LST 1 OZ OF MILK OF MAGNESIA IN AN EQUAL AMT OF WATER/WHITES OF 3 EGGS. NEVER GIVE (SUPP DATA)

## Fire Fighting

Extinguishing Media:WATER.  
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT .  
Unusual Fire/Explosion Hazard:MAY RELEASE TOXIC AND CORROSIVE FUMES.

## Accidental Release

Spill Release Procedures:COVER W/SODIUM BICARBONATE/SODA ASH. MIX WELL & SPRAY WITH WATER. SCOOP SLURRY INTO A CONTAINER OF WATER AND SODA ASH. WASH DOWN DRAIN WITH A LARGE EXCESS OF WATER. WASH SITE THOROUGHLY WITH A SOAP SO LUTION CONTAINING SOME REDUCER.  
Neutralizing Agent:SODIUM BICARBONATE.

## Handling

Handling and Storage Precautions:STORE IN A COOL, DRY AREA, AWAY FROM OXIDIZABLE MATERIAL. AVOID CONT W/EYES/SKIN/CLTHG. USE ONLY W/ADEQ VENT. DO NOT BREATHE CHEM.  
Other Precautions:DO NOT STORE NEAR COMBUSTIBLE MATERIALS.

## Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .  
Ventilation:FUME HOOD.  
Protective Gloves:RUBBER GLOVES.  
Eye Protection:CHEM WORK GOG W/FULL LENGTH FSHLD.  
Other Protective Equipment:EYE-WASH NEARBY. DELUGE SHOWER .  
Work Hygienic Practices:WASH HANDS AND CLOTHES THOROUGHLY AFTER HANDLING.  
Supplemental Safety and Health  
FIRST AID PROC: ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CALL PHYSICIAN.

## Chemical Properties

HCC:C1  
Boiling Pt:B.P. Text:234F,112C  
Spec Gravity:1.03  
pH:Solubility in Water:100%  
Appearance and Odor:CLEAR, COLORLESS LIQUID

## Stability

Stability Indicator/Materials to Avoid:YES  
NONE SPECIFIED BY MANUFACTURER.  
Stability Condition to Avoid:HEAT, FLAMES, CONTACT W/REDUCERS, ALKALIES OR OXIDIZABLE MATERIALS.

Hazardous Decomposition Products:MAY EMIT VERY TOXIC FUMES OF NITROGEN OXIDES AND HYDROGEN NITRATE.

## Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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