

BORIC ACID

MSDS Number

BHCFV

National Stock Number

6810-00-264-6535

Product Name

BORIC ACID

Manufacturer

COLUMBUS CHEMICAL INDUSTRIES INC

Product Identification

Product ID: BORIC ACID
MSDS Date: 02/10/1988
FSC: 6810
NIIN: 00-264-6535
MSDS Number: BHCFV

Responsible Party

COLUMBUS CHEMICAL INDUSTRIES INC

N 4335 TEMKIN RD

COLUMBUS , WI 53925

US

Emergency Phone: 414-623-2140

Info Phone: 414-623-2140

Cage: 5Y144

Contractor

COLUMBUS CHEMICAL INDUSTRIES INC

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COLUMBUS, WI 53925-0008

US

920-623-2140

Cage: 5Y144

Ingredients

BORIC ACID

CAS: 10043-35-3

RTECS: ED4550000

ARSENIC (SARA III)

CAS: 7440-38-2

RTECS: CG0525000

Fraction By Weight: TRACE

OSHA PEL0.5 MG/M3 (AS)

ACGIH TLV: 0.01, A1 MG/M3; 9394

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE:MILD IRRITATION OF EYES,SKIN,RESPIRATORY OR G,I.TRACT;REDNESS OR BURNS OF EYES ARE POSSIBLE.MAY CAUSE COUGHING ,NAUSEA ,DIARRHEA OR CNS EFFECTS.
Explanation of Carcinogenicity:DATA PER MGF MSDS.
Effects of Overexposure:SEE HEALTH HAZARDS DATA.
Medical Cond Aggravated by Exposure:CHRONIC DERMATITIS FROM CONCENTRATED SOLUTIONS. BORON POISONING FROM PROLONGED EXPOSURE THROUGH DAMAGED SKIN.

First Aid

First Aid:WHEN REQUIRE,GIVE IMMEDIATELY. ARTIFICIAL RESPIRATION IN ACUTE POISONING, MOUTH-TO-MOUTH ARTIFICIAL RESPIRATION IF BREATHING HAS CEASED. NOTHING BY MOUTH. OBTAIN MEDICAL HELP!INGESTION:PATIENT CONSCIOUS,INDUCE VOMITING UNTIL WARM SALT OR SOAPY WATER. CONTINUE UNTIL VOMITUS IS CLEAR. EYES:FLUSH A MINIMUM OF 15 MIN.CLOTHING, ONLY USE WATER FOR FLUSHING.

Fire Fighting

Flash Point:NONE
Extinguishing Media:USE EXTINGUISHING MEDIA SUITABLE FOR SURROUNDING FIRE.
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY. CONTAIN RUNOFF.
Unusual Fire/Explosion Hazard:NONE .PRODUCT IS AN INHERENT FIRE RETARDANT.

Accidental Release

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;SWEEP UP OR VACUUM AND COLLECT FOR PROPER DISPOSAL IN AN APPROVED CONTAINER.

Handling

Handling and Storage Precautions:STORE IN COOL, DRY AND WELL VENTILATED AREA.KEEP CONTAINER CLOSED WHEN NOT IN USE.
Other Precautions:WASH THOROUGHLY AFTER EACH USE.

Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR DUST/MIST IF ABOVE PEL/TLV .
Ventilation:LOCAL/GENERAL TO MAINTAIN PEL/TLV.
Protective Gloves:IMPERVIOUS OR ANY OTHER TYPE AS REQUIRED
Eye Protection:SAFETY GLASSES/GOGGLES
Other Protective Equipment:PROTECTIVE CLOTHINGS.EYE-WASH FACILITIES,SAFETY SHOWER.
Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN;DO NOT BREATHE VAPORS/MIST/DUST.WASH THOROUGHLY AFTER EACH USE;DO NOT EAT,DRINK,SMOKE.
Supplemental Safety and Health
WASH THOROUGHLY AFTER USE.

Chemical Properties

HCC:C3
Melt/Freeze Pt:M.P/F.P Text:340F,171C
Spec Gravity:1.5128
pH:5.3
Solubility in Water:MODERATE
Appearance and Odor:WHITE CRYSTALLINE SOLID

Stability

Stability Indicator/Materials to Avoid:YES
ACETIC ANHYDRIDE,ELEMENTAL POTASSIUM.
Stability Condition to Avoid:WILL DEHYDRATE AT 100 C TO 150 C
Hazardous Decomposition Products:NOT SPECIFIED

Disposal

Waste Disposal Methods:CONSULT LOCAL AUTHORITIES;DISPOSAL MUST BE IN ACCORDANCE WITH LOCAL,STATE AND FEDERAL REGULATIONS

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