

## **0084 BORIC ACID**

### **MSDS Number**

BDQNB

### **National Stock Number**

6810-00-264-6535

### **Product Name**

0084 BORIC ACID

### **Manufacturer**

J T BAKER COMPANY

### **Product Identification**

Product ID:0084 BORIC ACID

MSDS Date:03/09/1992

FSC:6810

NIIN:00-264-6535

MSDS Number: BDQNB

### **Responsible Party**

J.T. BAKER COMPANY

222 RED SCHOOL LANE

PHILLIPSBURG , NJ 08865-2219

US

Emergency Phone: 908-859-2151/800-424-9300(CHEMTREC)

Info Phone: 908-859-2151

Cage: 70829

### **Contractor**

MALLINCKRODT BAKER, INC.

PHILLIPSBURG, NJ 08865

US

800-582-2537

Cage: 70829

### **Ingredients**

BORIC ACID

CAS: 10043-35-3

RTECS: ED4550000

Fraction By Weight: 99-100%

OSHA PEL10 MG BORATES/M3

ACGIH TLV: 5 MG BORATES/M3

### **Hazards**

LD50 LC50 Mixture:ORAL RAT LD50 2660MG/KG.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHAL:IRRIT OF UPPER RESP  
TRACT.SKIN/EYE:IRRIT.INGEST:NAU,VOMIT,GASTROINTESTINAL

IRRIT,CIRCULATORY FAILURE,CONVULSIONS,COMA,INGEST OF LG QUANTITIES

MAY BE FATAL.CHRONIC EFFECT:KIDNEY DAMAGE,LIVER DAMA GE.

Explanation of Carcinogenicity:PER

MSDS:CARCINOGENICITY:NTP/IARC/ZLIST/OSHA:NO.

Effects of Overexposure:UPPER RESPIRATORY TRACT IRRITATION. EYE/SKIN IRRITATION. NAUSEA, VOMITING, GASTROINTESTINAL IRRITATION, CIRCULATORY FAILURE, CONVULSIONS, COMA, FATAL. KIDNEY/LIVER DAMAGE. Medical Cond Aggravated by Exposure:DAMAGED SKIN. TARGET ORGANS:LIVER,KIDNEYS,EYES,SKIN,GI TRACT,CENTRAL NERVOUS SYSTEM.

## First Aid

First Aid:INGEST:CALL PHYSICIAN.IF CONSCIOUS GIVE LG AMTS OF WATER.INDUCE VOMIT.INHAL:REMOVE TO FRESH AIR.NOT BREATH GIVE ART RESP.DIFFICULT BREATH GIVE OXY.SKIN:IMMED FLUSH W/PLENTY OF WATER FOR @LEAST 15MINS WHILE REMOVING CONTAMIN CLOTH/SHOES.EYE:IMMED FLUSH W/PLENTY OF WATER FOR @LEAST 15MINS.

## Fire Fighting

Flash Point:NA  
Autoignition Temp:Autoignition Temp Text:NA  
Lower Limits:NA  
Upper Limits:NA  
Extinguishing Media:USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING FIRE.  
Fire Fighting Procedures:FIREFIGHTERS SHOULD WEAR PROPER PROTECTIVE EQPMT & SELF-CONTAINED BREATHING APPARATUS W/FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE.  
Unusual Fire/Explosion Hazard:NONE.

## Accidental Release

Spill Release Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS & FULL PROT CLOTH.W/CLEAN SHOVEL CAREFULLY PLACE MATL INTO CLEAN DRY CNTNR & COVER;REMOVE FROM AREA.FLUSH SPILL AREA W/WATER.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:KEEP CNTNR TIGHTLY CLSD.SUITABLE FOR ANY GENERAL CHEM STORAGE AREA.  
Other Precautions:SAF-T-DATA STORAGE COLOR CODE:ORANGE(GENERAL STORAGE).

## Exposure Controls

Respiratory Protection:NONE REQUIRED WHERE ADEQUATE VENTI CONDITIONS EXIST.AIRBORNE CONC IS HIGH USE APPROPRIATE RESPIRATOR OR DUST MASK.  
Ventilation:USE ADQUATE GEN/LOC EXHAU VENTI TO KEEP FUME/DUST LEVELS AS LOW AS POSSIBLE.  
Protective Gloves:RUBBER GLOVES.  
Eye Protection:SAFETY GOGGLES.  
Other Protective Equipment:UNIFORM.  
Work Hygienic Practices:WASH CLOTHING BEFORE REUSE.  
Supplemental Safety and Health

## Chemical Properties

HCC:N1  
Boiling Pt:B.P. Text:NA  
Melt/Freeze Pt:M.P/F.P Text:340F,171C  
Decomp Temp:Decomp Text:NP  
Vapor Pres:15  
Vapor Density:NA  
Spec Gravity:1.44  
pH:NA  
Viscosity:NP  
Evaporation Rate & Reference:NA  
Solubility in Water:MODERATE (1-10%)  
Appearance and Odor:SOLID, WHITE CRYSTALS OR POWDER, ODORLESS.  
Percent Volatiles by Volume:0  
Corrosion Rate:NP

## Stability

Stability Indicator/Materials to Avoid:YES

POTASSIUM, STRONG BASES.  
Stability Condition to Avoid:MOISTURE, HEAT.  
Hazardous Decomposition Products:OXIDES.

## **Disposal**

Waste Disposal Methods:CERCLA HAZ/SARA 313 TOXIC:NO.DISPOSE IAW ALL  
APPLICABLE FED/STATE/LOC ENVIRO REGS.

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