

## **BORAX 5 MOL TECH GRANULAR**

### **MSDS Number**

CBKCL

### **National Stock Number**

6810-00N069220

### **Product Name**

BORAX 5 MOL TECH GRANULAR

### **Manufacturer**

ASHLAND CHEMICAL INC

### **Product Identification**

Product ID: BORAX 5 MOL TECH GRANULAR

MSDS Date: 05/31/1989

FSC: 6810

NIIN: 00N069220

MSDS Number: CBKCL

### **Responsible Party**

ASHLAND CHEMICAL INC

COLUMBUS , OH 43216

US

Emergency Phone: 800-274-5263

Info Phone: 614-889-3333

Cage: 34897

### **Contractor**

ASHLAND CHEMICAL CO

2219

COLUMBUS, OH 43216-2219

US

614-790-3333/800-274-5263

Cage: 34897

### **Ingredients**

BORIC ACID, DISODIUM SALT; (SODIUM TETRABORATE

CAS: 1330-43-4

RTECS: VZ2275000

Fraction By Weight: >60%

OSHA PEL10 MG/M3

ACGIH TLV: 1 MG/M3

### **Hazards**

LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic: ACUTE: EYES: CAN CAUSE IRRITATION.

SKIN: PROLONGED CONTACT MAY CAUSE IRRITATION & CHRONIC DERMATITIS;

ABSORPTION OF BORON THROUGH BROKEN SKIN PRODUCES SYMPTOMS SIMILAR

TO THOSE FOR SWALLOWING. INHALATION : BREATHING OF DUST CAN CAUSE

IRRITATION OF NASAL & RESPIRATORY PASSAGES. INGESTION: CAN CAUSE

NAUSEA, (EFFECTS OF OVEREXPOSURE)

Explanation of Carcinogenicity:NOT RELEVANT  
Effects of Overexposure:HLTH HAZ:VOMITING, DIARRHEA, WEAKNESS,  
DEPRESSION, HEADACHES, SKIN RASHES, DRY SKIN, LOSS OF HAIR, CRACKED  
LIPS, SHOCK.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

## First Aid

First Aid:SKIN:THORO WASH EXPOS AREA W/SOAP & WATER. REMOVE CONTAM  
CLTHG. LAUNDER CONTAM CLTHG BEFORE RE-USE. EYES:FLUSH W/LG AMTS OF  
WATER FOR AT LST 15 MINS, LIFTING UPPER & LOWER LIDS OCCAS. GET MED  
ATTN. IN GEST:IMMED DRINK 2 GLASSES OF WATER & INDUCE VOMIT BY  
EITHER GIVING IPECAC SYRUP/BY PLACING FINGER AT BACK OF THROAT.  
NEVER GIVE ANYTHING BY MOUTH TO UNCON PERS. GET MED ATTN IMMED.  
INHAL: (SUPP DATA)

## Fire Fighting

Extinguishing Media:REGULAR FOAM, WATER FOG, CARBON DIOXIDE OR DRY  
CHEMICAL.  
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE  
EQUIPMENT .

## Accidental Release

Spill Release Procedures:SMALL SPILL:SWEEP UP MATERIAL FOR DISPOSAL OR  
RECOVERY. LARGE SPILL:SHOVEL MATERIAL INTO CONTAINERS. THOROUGHLY  
SWEEP AREA OF SPILL TO CLEAN UP ANY RESIDUAL MATERIAL.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:NONE SPECIFIED BY MANUFACTURER.  
Other Precautions:CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN  
EMPTIED. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR,  
LIQUID &/OR SOLID), ALL HAZARD PRECAUTIONS GIVEN IN THIS MSDS MUST  
BE OBSERVED.

## Exposure Controls

Respiratory Protection:IF NEEDED USE A NIOSH/MSHA APPROVED DUST  
RESPIRATOR. (ASK YOUR SAFETY EQUIPMENT SUPPLIER).  
Ventilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL &/OR LOCAL EXHAUST)  
VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).  
Protective Gloves:RESISTANT GLOVES SUCH AS: NEOPRENE.  
Eye Protection:ANSI APPROVED CHEM WORKERS GOGGS .  
Other Protective Equipment:EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET  
ANSI DESIGN CRITERIA . TO PVNT RPTD/PRLNG SKIN CONT, WEAR (SUPDAT)  
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.  
Supplemental Safety and Health  
FIRST AID PROC:REMOVE INDIVIDUAL TO FRESH AIR. IF BRTHG IS DIFFICULT,  
ADMIN OXYGEN. IF BRTHG HAS STOPPED GIVE ARTF RESP. KEEP PERSON  
WARM, QUIET & GET MED ATTN. OTHER PROT EQUIP:IMPERVIOUS CLOTHING &  
BOOTS.

## Chemical Properties

Spec Gravity:1.815  
Appearance and Odor:NONE SPECIFIED BY MANUFACTURER.

## Stability

Stability Indicator/Materials to Avoid:YES  
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

## Disposal

Waste Disposal Methods:SMALL SPILL:PACKAGE MATERIAL IN PAPER & DEPOSIT  
IN LANDFILL I/A/W LOCAL, STATE & FEDERAL REGULATIONS. LARGE  
SPILL:DEPOSIT IN LANDFILL I/A/W LOCAL, STATE & FEDERAL REGULATIONS.

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.