

# MATERIAL SAFETY DATA SHEET

Prepared February, 1994 by DSM Environmental Services., Inc. PO Box 466 Ascutney, VT 05030

Revised 7/21/97 by Great Meadow Correctional Facility Division of Industries PO Box 51 Comstock, NY 12821

## SECTION 1: CHEMICAL PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: **Corcraft Borax Hand Powder**  
MANUFACTURER: CORCRAFT- NEW YORK STATE DEPARTMENT OF  
CORRECTIONAL SERVICES  
Great Meadow Correctional Facility Division of Industries  
PO Box 51  
Comstock, NY 12821  
TELEPHONE: (518) 639-5335  
PRODUCT NUMBERS: 50 lb./cnt. U075580C0

HMIS RATING: H =  F =  R =

The HMIS (Hazardous Materials Identification System) is a subjective rating system developed by the National Paint and Coating Association. Numerical ratings for health (H), flammability (F), and reactivity (R) are made using a scale of 0-4 where 0 = no hazard, 1 = slight hazard, 2 = moderate hazard, 3 = high hazard, and, 4 = extreme hazard.

## SECTION 2: COMPOSITION AND INGREDIENTS (No CAS Number for this mixture)

INGREDIENT NAME	% BY WEIGHT	CAS #	OSHA PEL*
Borax Powder TWA	57%	1303-96-4	10mg/m <sup>3</sup>
Toilet Soap Chips	43%	61789-66-0	NA

\* The OSHA PEL (Permissible Exposure Limit) is given as a TLV (Threshold Limit Value) TWA (Time Weighted Average) over an 8 hour workday and is expressed in parts per million (ppm). The STEL (Short Term Exposure Limit) indicates the concentration threshold of acceptable short-term exposures up to 15 minutes in any 1 hour period.

### SECTION 3: HAZARDS IDENTIFICATION

**EYES:** Non-irritating to eyes in normal industrial use.  
**SKIN:** Non-irritating to skin.  
**INHALATION:** May cause mild irritation to nose and throat.  
**INGESTION:** Ingesting large amounts (more than a teaspoon) may cause gastrointestinal symptoms.

### SECTION 4: FIRST AID MEASURES

**EYES:** If exposed, flush with water for 15 minutes. If irritation persists, get medical attention.  
**SKIN:** Wash affected area with plenty of water. Get medical attention if irritation persists.  
**INHALATION:** Get fresh air if exposed and seek medical attention if condition doesn't improve.  
**INGESTION:** If ingested, drink two glasses of water and seek medical attention. Never give anything by mouth to an unconscious person.

### SECTION 5: FIRE FIGHTING METHODS

Any fire extinguishing media is appropriate for fires containing this material. Firefighters should wear positive pressure self contained breathing apparatus with full face masks & protective clothing.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

Collect excess product & containerize for reuse. For product that cannot be reused & must be disposed, appropriate disposal methods should be followed. See section 11, Ecological information.

### SECTION 7: HANDLING AND STORAGE

No special handling procedures are required. The product should be stored in the original containers in a cool and dry location away from strong reducing agents such as metal hydrides or alkali metals. Containers should be kept closed.

### SECTION 8: EXPOSURE CONTROLS, PERSONNEL PROTECTION

Use only in areas that are adequately ventilated and keep container closed when not using product. Use protective rubber gloves when handling Corcraft Borax Hand Powder. Chemical goggles & a faceshield should be worn when pouring product to avoid eye or face exposures.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Corcraft Borax Hand Powder is a white, crystalline solid.

FLASH POINT: >140 degF  
WATER SOLUABILITY: Soluable  
pH: 9.5 @10%  
SPECIFIC GRAVITY: .83

## SECTION 10: STABILITY AND REACTIVITY

Corcraft Borax Hand Powder is a stable material. Contact with strong reducing agents such as metal hydrides or alkali metals will generate hydrogen gas, which could cause an explosion hazard.

## SECTION 11: TOXICOLOGICAL AND ECOLOGICAL INFORMATION

Corcraft Borax Hand Powder is not known to be a carcinogen or to present any chronic hazards. High dose animal ingestion studies of similar borate chemicals demonstrated reproductive effects in male animals and developmental effects in fetuses of pregnant animals. May be harmful to some Boron-sensitive plants. Releases to environment should be minimized.

## SECTION 12: TRANSPORTATION AND DISPOSAL INFORMATION

Corcraft Borax Hand Powder is not considered to be a hazardous material under DOT regulations. No special placarding is required for transportation. No special disposal methods are mandated, however releases of undiluted powder to the environment should be minimized for reasons listed in section 11.

## SECTION 13: REGULATORY INFORMATION

Sodium Borate Decahydrate (Borax) is reported in the EPA TSCA Inventory.

The information and recommendations continued herein are based upon data believed to be correct. However, no guarantee or warranty of any kind expressed or implied is made with respect to the information herein.

This material safety data sheet was made to comply with the OSHA Hazard Communication Standard (29 CFR 1910.1200) and was prepared by: DSM Environmental Services, Inc. PO Box 466 Ascutney, VT 05030

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