

MATERIAL SAFETY DATA SHEET

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

Revised 7/17/97 by Great Meadow Correctional Facility Division of Industries PO Box 51 Comstock, NY 12821

SECTION 1: CHEMICAL PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: **Corcraft Built Laundry Detergent**
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. U025593A0

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)

<i>INGREDIENT NAME</i>	<i>% BY WEIGHT</i>	<i>CAS #</i>	<i>OSHA PEL*</i>
SODIUM METASILICATE	50.70	0034-72-0	2 mg/m ³

* 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: May burn or irritate eyes.

SKIN: May irritate skin.

INHALATION: May burn respiratory tract & irritate nasal & respiratory passages.

INGESTION: If ingested, may cause gastrointestinal irritation, vomiting & diarrhea or even be fatal.

SECTION 4: FIRST AID MEASURES

EYES: If exposed, flush with water for 15 minutes & 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, do not induce vomiting. Drink lots of water & one ounce of vinegar & seek immediate medical attention. Never give anything by mouth to an unconscious person.

SECTION 5: FIRE FIGHTING METHODS

Corcraft Built Laundry Detergent is a caustic material that is non-combustible. Water spray, fog or regular foam is the preferred extinguishing medium for fires involving this product. 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. Since unneutralized waste product is corrosive (according to the RCRA definition) & regulated due to this characteristic, management & disposal should follow State/Federal guidelines for release reporting. Neutralized or diluted concentrations may not be corrosive under RCRA.

SECTION 7: HANDLING AND STORAGE

Corcraft Built Laundry Detergent can burn eyes and irritate skin and handling procedures should avoid any direct skin or eye contact. The product should be stored in the original containers in a cool and dry location. 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 Built Laundry Detergent. Chemical goggles & a faceshield should be worn when pouring product to avoid eye or face exposures.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

FLASH POINT: >140 degF
WATER SOLUABILITY: Soluable
pH: 13.3/10%
SPECIFIC GRAVITY: .83

SECTION 10: STABILITY AND REACTIVITY

Corcraft Built Laundry Detergent is a stable caustic solid which may spatter when mixed with water. Avoid strong acids. Avoid contact with metals such as aluminum, tin, lead & zinc which may produce flammable hydrogen gas.

Overexposure to this product may produce the conditions listed in Section 3. The high pH of unneutralized material can harm aquatic life & thus accidental releases should follow the procedures listed in Section 6.

Corcraft Built Laundry Detergent is not considered to be a hazardous material under DOT regulations. No special placarding is required for transportation. Since unneutralized waste product is corrosive (according to the RCRA definition) & regulated due to this characteristic, management & disposal should follow State/Federal guidelines for disposal. Neutralized or diluted concentrations may not be corrosive under RCRA.

SECTION 13: REGULATORY INFORMATION

Sodium Metasilicate 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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