

Material Safety Data Sheet

CORCRAFT
New York State Department of Corrections
Building 2, State Campus
Albany, NY 12226

MSDS No. 9

CORCRAFT BUILT
LAUNDRY DETERGENT

Issued: SEPTEMBER 1989

SECTION 1. MATERIAL IDENTIFICATION

Material Name: CORCRAFT BUILT LAUNDRY DETERGENT

Description (Origin/Uses): Product Code: 6-U02-5593

CAS Number: None, mixture.

Manufacturers: CORCRAFT
New York State Department of Corrections
Building 2, State Campus
Albany, NY 12226

Phone: (518) 436-6321

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*See sect. 8

SECTION 2. INGREDIENTS AND HAZARDS/EXPOSURE LIMITS

Ingredient Name:	CAS Number:	Percent:	Exposure Limits:
Sodium Metasilicate	6834-92-0	50	**
Ground Soap Chips	Mixture*	50	**

Comments: CORCRAFT Built Laundry Detergent is 50% soap chips and 50% sodium metasilicate. It is unlikely to present any health effects when used as specified in the instructions.

*A nonhazardous mixture.

**Neither the ACGIH, NIOSH, nor OSHA has established occupational exposure limits (OELs) for this product or its ingredients.

SECTION 3. PHYSICAL DATA

Boiling Point: Solid (Not Applicable)	Evaporation Rate: Solid (Not Applicable)
Vapor Pressure: Solid (Not Applicable)	Specific Gravity ($H_2O=1$): Approximately 2.6
Water Solubility (%): Complete	Melting Point: Approximately 118 °F (48 °C)
Vapor Density ($Air=1$): Solid (Not Applicable)	% Volatile by Volume: 0
pH: 12-12.5 Alkylsine	Molecular Weight: Mixture

Appearance and Odor: A white solid powder; slight "detergent" odor.

Comments: In the context of occupational or residential exposure, the physical properties of CORCRAFT Built Laundry Detergent are not expected to present any significant health effects to the user unless intentionally concentrated/misused or unless unusual circumstances occur.

SECTION 4. FIRE AND EXPLOSION DATA

Flash Point: Not Applicable	Autoignition Temperature: Not Applicable	LEL: Not Applicable	UEL: Not Applicable
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Extinguishing Media: Use extinguishing agents such as carbon dioxide, dry chemical, or foam to fight fires involving CORCRAFT Built Laundry Detergent.

Unusual Fire or Explosion Hazards: Since the major chemical components are noncombustible the fire hazards from this detergent are minimal.

Special Fire-fighting Procedures: Fire-fighting personnel must wear appropriate personal protective equipment to deal safely with the surrounding fire.

SECTION 5. REACTIVITY DATA

Stability/Polymerization: This product is stable under routine conditions of use and does not undergo hazardous polymerization.

Chemical Incompatibilities: Be cautious about mixing CORCRAFT Built Laundry Detergent with other cleaning products. Carefully read and follow all directions and recommendations printed on this product's label. This product should not be used for any purpose other than its intended use. Pay careful attention to the manufacturer's suggested quantities for use and specific recommendations. Never mix this laundry detergent with acids because the basic laundry detergent will be rendered ineffective by the ensuing neutralization reaction.

Conditions to Avoid: Prevent contact with moisture or water in storage prior to use.

Hazardous Decomposition Products: Thermal oxidative degradation of CORCRAFT Built Laundry Detergent can produce unidentified compounds containing sodium, carbon, oxygen, or hydrogen.

SECTION 6. HEALTH HAZARD INFORMATION

Carcinogenicity: Neither the NTP, IARC, nor OSHA lists CORCRAFT Built Laundry Detergent or its ingredients as carcinogens.

Summary of Risks: Inhalation of a cloud of CORCRAFT Built Laundry Detergent may result in transient irritation of the nose, throat, and respiratory tract in sensitive individuals. Simply removing oneself from this exposure and breathing in fresh air for a few minutes should relieve the initial discomfort. Prolonged or repeated inhalation of this product may cause coughing, discomfort, and/or other stresses in certain individuals. Accidental contact between this product and your eyes will likely result in immediate eye irritation, redness, pain, or discomfort. A qualified physician should treat serious eye exposures to CORCRAFT Built Laundry Detergent because of the possibility of chemical (caustic not acidic) damage to the eyes. Irritation, dryness, and scaling of the skin can result from prolonged or repeated contact of this detergent powder with the skin.

Medical Conditions Aggravated by Long-Term Exposure: None reported. **Target Organs:** Eyes, skin. **Primary Entry:** Inhalation, skin and eye contact. **Acute Effects:** Skin or eye contact with CORCRAFT Built Laundry Detergent is likely to produce irritation. **Chronic Effects:** None reported.

FIRST AID

Eyes: Immediately flush, including under the eyelids, gently but thoroughly with flooding amounts of running water for at least 15 minutes. Get medical help for serious exposures.

Skin: Rinse the affected area with running water for at least 15 minutes to remove particles of CORCRAFT Built Laundry Detergent from the skin's surface. Remove contaminated clothing and shoes. Continuing irritation should be treated by qualified medical personnel.

Inhalation: Walk to the nearest area of fresh air.

Ingestion: Do not ingest. If swallowed, do *not* induce vomiting. Give large quantities of water. Give at least one ounce of vinegar in an equal amount of water. Never give anything by mouth to an unconscious person. Call a physician.

SECTION 7. SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill/Leak: Spills of this product should be quickly picked up or swept up. Never stir the spilled CORCRAFT Built Laundry Detergent because the loose powder could easily become airborne in a "cloud," leading to inhalation exposures to this product.

Waste Disposal: If this product becomes unusable for any reason, it must be disposed of in a manner consistent with applicable Federal, state, and local regulations.

SECTION 8. SPECIAL PROTECTION INFORMATION

Goggles: In certain industrial situations wearing protective glasses is suggested to prevent accidental eye contact. Be especially careful not to get an eyeful of airborne detergent powder/dust by stirring up the loose detergent powder.

Gloves: In certain industrial situations wearing protective gloves is suggested when working with CORCRAFT Built Laundry Detergent to prevent irritation, dryness, scaling, or other discomforting skin conditions (especially on your hands, wrists, and forearms). If a rash or serious irritation of the skin develops from handling the CORCRAFT Built Laundry Detergent, see if a modification in the clothing worn or in the use of the detergent can stop the problem.

Respirator: During routine situations where this product is used with good ventilation, a respirator is not needed to safely use this product. Avoid intentionally or accidentally concentrating an airborne cloud of detergent powder (from handling operations) and then breathing in some of this dust cloud.

Other: Wash contaminated clothing before re-use.

Comments: If used carefully, and not intentionally or accidentally misused, this product should present no unusual exposure effects to the user. *Read and follow all directions and suggestions printed on the label of CORCRAFT Built Laundry Detergent.* Never eat, drink, or smoke as you work with this product. Practice good personal hygiene procedures that prevent transferring this detergent from your hands to your mouth while eating, drinking, or smoking. Always wash carefully after using CORCRAFT Built Laundry Detergent and before eating, drinking, smoking, using the toilet facilities, or applying cosmetics.

SECTION 9. SPECIAL PRECAUTIONS AND COMMENTS

Storage/Segregation: Store this product in its original containers in a cool, dry, well-ventilated area. Protect these containers of CORCRAFT Built Laundry Detergent from physical damage and/or excessive heat. Do not transfer any of this detergent into other containers unless they are carefully labeled.

Special Handling/Storage: Use a first-in/first-out inventory rotation schedule to ensure this product is used in the same order it is received from the manufacturer or distributor. Prevent water from entering containers of CORCRAFT Built Laundry Detergent.

Other Precautions: The CORCRAFT Built Laundry Detergent can become caked, especially if stored for long periods of time. Use a tool, not your bare hand, to mechanically break up the caked lumps of this detergent before placing the detergent in the washing machine.

Prepared by: PJ Igoc, BS; Industrial Hygiene Review: DJ Wilson, CIH; Medical Review: W Silverman, MD

Material Safety Data Sheet

CORCRAFT
New York State Department of Corrections
Building 2, State Campus
Albany, NY 12226

MSDS No. 10

CORCRAFT LAUNDRY
BLEACH

Issued: SEPTEMBER 1989

SECTION 1. MATERIAL IDENTIFICATION

Material Name: CORCRAFT LAUNDRY BLEACH

Description (Origin/Uses): Product Code: 6-U05-5583AO

CAS Number: None, mixture.

HMIS

CAUTION: Do not get in eyes, on skin, or on clothing. Avoid breathing dust. Use adequate ventilation. Wash skin thoroughly after handling. Do not take internally.

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Manufacturer: CORCRAFT

Phone: (518) 436-6321

PPG*

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*See sect. 8

SECTION 2. INGREDIENTS AND HAZARDS/EXPOSURE LIMITS

Ingredient Name:

CAS Number:

Percent:

Exposure Limits:

Linear Alkyl Benzene Sulfonate; Sodium Salt** (Nonhazardous)

Mixture

1

*

1,3-Dichloro-5,5-Dimethylhydantoin

118-52-5

25

OSHA PELs

8-Hr TWA: 0.2 mg/m³

15-Min STEL: 0.4 mg/m³

ACGIH TLVs, 1988-89

TLV-TWA: 0.2 mg/m³

TLV-STEL: 0.4 mg/m³

Sodium Sulfate

7757-82-6

74

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*Neither the ACGIH, NIOSH, nor OSHA has established occupational exposure limits (OELs) for this product or its ingredients. The other ingredients with assigned OELs are present in small amounts. These ingredients are not expected to separate in amounts over the specified limits.

**CAS Number: 25155-30-0

SECTION 3. PHYSICAL DATA

Boiling Point: Solid (Not Applicable)

Vapor Pressure: Solid (Not Applicable)

Water Solubility (%): Complete

Vapor Density (Air=1): Solid (Not Applicable)

pH: >7 (Basic)

Evaporation Rate: Solid (Not Applicable)

Specific Gravity (H₂O=1): Approximately 1.5

Melting Point: Approximately 1472 °F (800 °C)

% Volatile by Volume: 0

Molecular Weight: Mixture

Appearance and Odor: A white powder; slight "detergent" odor.

Comments: In the context of commercial, occupational, or private, residential exposure, the physical properties of CORCRAFT Laundry Bleach are not expected to present any significant harmful effects to the user unless intentionally concentrated/misused or unless unusual circumstances occur.

SECTION 4. FIRE AND EXPLOSION DATA

Flash Point: Not Applicable

Autoignition Temperature: Not Applicable

LEL: Not Applicable

UEL: Not Applicable

Extinguishing Media: Use extinguishing agents such as carbon dioxide, dry chemical, or foam to fight fires involving CORCRAFT Laundry Bleach. Since the major component is noncombustible; the fire hazard from this detergent is minimal.

Unusual Fire or Explosion Hazards: Contact with moisture and certain metals may generate explosive gases in unusual situations.

Special Fire-fighting Procedures: Fire-fighting personnel must wear appropriate personal protective equipment to safely deal with the surrounding fire.

SECTION 5. REACTIVITY DATA

Stability/Polymerization: This product is stable under routine conditions of use and does not undergo hazardous polymerization.

Chemical Incompatibilities: Be cautious about mixing CORCRAFT Laundry Bleach with other cleaning products. Carefully read and follow all directions and recommendations printed on this product's label. This product should not be used for any purpose other than its intended use. Pay careful attention to the manufacturer's suggested quantities for use and specific recommendations. Never mix this laundry bleach with acids because the basic laundry bleach will be rendered ineffective by the ensuing neutralization reaction. Do not mix with acids or bases because chlorine gas may be produced.

Conditions to Avoid: Prevent contact with moisture or water in storage prior to use.

Hazardous Decomposition Products: Thermal oxidative degradation of CORCRAFT Laundry Bleach can produce compounds containing carbon, oxygen, or sulfur. Toxic gases such as chlorine (Cl₂), and carbon monoxide (CO) may also be produced during fire situations.