

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.

H 1

F 0

R 0

Manufacturer: CORCRAFT

Phone: (518) 436-6321

PPG*

New York State Department of Corrections

*See sect. 8

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SECTION 2. INGREDIENTS AND HAZARDS/EXPOSURE LIMITS

Ingredient Name:

CAS Number:

Percent:

Exposure Limits:

Linear Alkyl Benzene Sulfonate; Sodium Salt** (Nonhazardous)
1,3-Dichloro-5,5-Dimethylhydantoin

Mixture
118-52-5

1
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

*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.

SECTION 6. HEALTH HAZARD INFORMATION

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

Summary of Risks: Inhalation of a cloud of CORCRAFT Laundry Bleach can result in 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 be sufficient to clear the discomfort. Prolonged or repeated inhalation of this product might cause coughing, discomfort, and tissue corrosion in certain individuals. Accidental contact between this product and your eyes will likely result in immediate eye irritation, redness, pain, and discomfort and possible eye damage. A qualified physician should treat all eye exposures to CORCRAFT Laundry Bleach because of the possibility of chemical damage to the eyes. Irritation, dryness, and scaling of the skin may result from prolonged or repeated contact of this detergent powder with your skin. Skin contact between CORCRAFT Laundry Bleach and *moist skin* will probably cause redness, irritation, and/or chemical burns.

Medical Conditions Aggravated by Long-Term Exposure: None reported. **Target Organs:** Eyes, skin, and respiratory system.

Primary Entry: Inhalation, skin and eye contact. **Acute Effects:** Skin or eye contact with CORCRAFT Laundry Bleach causes irritation and/or chemical burns. **Chronic Effects:** Skin irritation in sensitive individuals.

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 from qualified personnel for all exposures to CORCRAFT Laundry Bleach.

Skin: Immediately rinse the skin area of concern with flooding amounts of running water for at least 15 minutes. Remove contaminated clothing and shoes. A mild hand soap can then be used to gently wash the affected area of skin. Continuing skin irritation should be treated by qualified medical personnel.

Inhalation: Walk to the nearest area of fresh air.

Ingestion: Do not ingest. If this product is accidentally swallowed, drink mucilage such as raw egg white or rice gruel, then induce vomiting by sticking your finger to the back of the victim's throat or by administering 2 tablespoons of Syrup of Ipecac or a tablespoon of mustard in a tumbler of warm water.

SECTION 7. SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill/Leak: Spills of this product should be quickly picked up. Do not stir up the spilled CORCRAFT Laundry Bleach because the loose powder could easily become airborne in a "cloud" and this can lead to inhalation exposures.

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 to prevent eye contact with airborne liquid bleach powder/dust from stirring up the loose laundry bleach.

Gloves: In certain industrial situations wearing protective gloves is suggested when working with CORCRAFT Laundry Bleach to prevent irritation, dryness, scaling, or other discomforting skin conditions (especially on the hands, wrists, and forearms). If a rash or irritation of the skin develops from handling the CORCRAFT Laundry Bleach, see if a modification in the clothing worn or in the use of the bleach can solve 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 laundry bleach powder (from handling operations) and then breathing in some of the dust cloud. Handling bulk or box quantities requires respirator protection unless conducted in a well-ventilated area!

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 Laundry Bleach.* 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 Laundry Bleach 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 Laundry Bleach from physical damage and/or excessive heat. Do not transfer any of this bleach into other containers unless they are carefully labeled. Keep from freezing.

Special Handling/Storage: Do not handle with your bare hands for extended periods. 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 Laundry Bleach. Do not transfer this bleach to aluminum containers because of a possible dangerous reaction between the aluminum of the inner surface of the containers and the sodium sulfate component of the CORCRAFT Laundry Bleach.

Other Precautions: The CORCRAFT Laundry Bleach can become caked, especially if stored for long periods of time. Break up the caked lumps of this bleach using a suitable tool, not your hands, before placing it in the washing machine.

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