

Material Safety Data Sheet

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

MSDS No. 8

CORCRAFT LOW
TEMPERATURE LAUNDRY
DETERGENT

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SECTION 1. MATERIAL IDENTIFICATION

Material Name: CORCRAFT LOW TEMPERATURE LAUNDRY DETERGENT

Description (Origin/Uses): Product Code: 6-U02-5594

CAS Number: None, mixture.

Manufacturer: CORCRAFT

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 Carbonate	497-19-8	57	**
Linear Alkyl Benzene Sulfonate; Sodium Salt*** (Nonhazardous)	Mixture	4	**
Alkyl Aryl Polyether Alcohol	68412-54-4	4	**
Sodium Metasilicate	6834-92-0	33.5	**
Carboxymethylcellulose (Nonhazardous)	9004-32-4	1	**
Triazole Stilbene and Triazinyl (Blend)	Mixture*	0.5	**

Comments: CORCRAFT Low Temperature Laundry Detergent is 57% sodium carbonate. Since the other active ingredients are unlikely to present serious health effects in their diluted form, this product is not expected to present health hazards when used as specified in the instructions.

*A proprietary mixture.

**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 2.5

Melting Point: Approximately 720 °F (400 °C)

Molecular Weight: Mixture*

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

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

*Decomposition begins and carbon dioxide gas (CO₂) may result.

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 Low Temperature Laundry Detergent.

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

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 Low Temperature Laundry Detergent with any other cleaning products. Carefully read and follow all directions and recommendations printed on this product's label. This product should be used only for its designed purpose. Pay careful attention to the manufacturer's suggested quantities for use and specific recommendations.

Conditions to Avoid: Prevent contact with moisture or water in storage prior to use. Contact with acids may release carbon dioxide gas (CO₂).

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

SECTION 6. HEALTH HAZARD INFORMATION

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

Summary of Risks: Inhalation of a cloud of CORCRAFT Low Temperature 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 might cause coughing, discomfort, and/or other stresses in certain individuals. Accidental contact of this product with your eyes will likely result in immediate eye irritation, redness, pain, and discomfort. A qualified physician should treat serious eye exposures to CORCRAFT Low Temperature Laundry Detergent because of the possibility of chemical (caustic not acidic) damage to the eyes. Irritation, dryness, and scaling of the skin may 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 Low Temperature 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 any particles of CORCRAFT Low Temperature 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 Low Temperature Laundry Detergent since the loose powder could easily become airborne in a "cloud," leading to inhalation exposures. Spills of this product on wet floors can lead to slippery conditions. Clean up spills promptly.

Waste Disposal: If this product becomes unusable for any reason, dispose of it 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 when working with this product to prevent accidental eye contact. Be especially careful to prevent eye contact with airborne detergent powder/dust from stirring up the loose detergent powder.

Gloves: In certain industrial situations wearing protective gloves is suggested to prevent irritation, dryness, scaling, or other discomforting skin conditions (especially on the hands, wrists, and forearms). If a rash or serious irritation of your skin develops from handling the CORCRAFT Low Temperature 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 usually needed to safely use this product. Avoid intentionally or accidentally concentrating an airborne cloud of detergent powder (from handling operations) and then breathing in 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 residential user. *Read and follow all directions and suggestions printed on the label of CORCRAFT Low Temperature 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 Low Temperature 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 Low Temperature 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 Low Temperature Laundry Detergent.

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