

# SAFETY DATA SHEET

F-JS-130

Powdered Bleach

## SECTION 1 - Identification

**PRODUCT IDENTITY:** Powdered Bleach**PRODUCT NUMBER:** F-JS-130**CORNHUSKER STATE INDUSTRIES**  
800 PIONEERS BLVD  
LINCOLN, NEBRASKA 68502  
PHONE: 800-348-7537 or 402-471-4597**Emergency Phone Number**  
**CHEMTREC**  
**1-800-424-9300****Recommended Use:** Laundry bleach.**Restrictions on Use:** None known.

## SECTION 2 – Hazard(s) Identification

**Physical Hazards:** Not classified.

<b>Health Hazards:</b>	Acute Toxicity, Oral	Category 4
	Skin corrosion/irritation	Category 2
	Eye irritation	Category 2
	Specific Target Organ Toxicity(Single Exposure)	Category 3
	Target Organs – Respiratory System	

<b>Environmental hazards:</b>	Aquatic Acute	Category 1
	Aquatic Chronic	Category 1

**OSHA defined hazards:** Not classified

### Label Elements

**Signal Word:** Warning**Hazard statement:** Harmful if swallowed. Causes serious eye damage. Causes skin irritation. May cause respiratory irritation. Very toxic to aquatic life with long lasting effects. Contact with acids liberated toxic gas.

### Precautionary statement

**Prevention:** Avoid breathing dust/fumes/gas/mist/vapors/spray. Wear protective gloves/protective clothing/eye protection/face protection.**Response:** **IF INHALED:** Remove person to fresh air and keep comfortable for breathing.  
**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

## SECTION 3 – Composition/ Information on Ingredients

Components	CAS #	Weight %
Sodium Dichloroiso Cyanurate, Dihydrate	51580-86-0	29.1%
Sodium Sulfate	7757-82-6	46.0%
Sodium Tripolyphosphate	7758-29-4	24.9%

**SECTION 4 – First-aid Measures**

**Eye Contact:** Holding the eyelids apart, flush eyes promptly with copious flowing water for at least 20 minutes. Get medical attention immediately.

**Skin Contact:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. Get medical attention immediately.

**Inhalation:** In case of inhalation, remove person to fresh air. Keep him quiet and warm. Apply artificial respiration if necessary and get medical attention immediately.

**Ingestion:** If swallowed, wash mouth thoroughly with plenty of water. Get medical attention immediately.

**\*NOTE:** Never give an unconscious person anything to drink.

**Most important symptoms and effects, acute or delayed**

**Ocular:** Severe irritation and/or burns can occur following eye exposure. Contact may cause impairment of vision and corneal damage.

**Dermal:** Dermal exposure can cause severe irritation and/or burns characterized by redness, swelling and scab formation. Prolonged skin exposure may cause permanent damage.

**Inhalation:** Irritation to the nose, mouth, throat and lungs. It may cause burns to the respiratory tract with the production of lung edema that can result in shortness of breath, wheezing, choking, chest pain, and impairment of lung function. Inhalation of high concentrations can result in permanent lung damage from the corrosive action lung.

**Ingestion:** Irritation and/or burns can occur to the entire gastrointestinal tract, including the stomach and intestines, characterized by nausea, vomiting, diarrhea, abdominal pain, bleeding and/or tissue ulceration. Ingestion causes severe damage to the gastrointestinal tract with the potential to cause perforation.

**Notes to the physician:** No specific antidote. Treat symptomatically and supportively. In case of ingestion DO NOT induce vomiting. Probable mucosal damage may contraindicate the use of gastric lavage.

**Medical conditions aggravated by exposure:** Asthma, respiratory and cardiovascular disease.

**SECTION 5 – Fire-Fighting Measures**

**Suitable extinguishing Media:** Water

**Extinguishing media not to be use:** Do not use dry chemical extinguisher containing ammonia compounds.

**Unusual fire and explosion hazards:** When heated to decomposition, may release poisonous and corrosive fumes of nitrogen trichloride, chlorine and CO.

**Fire fighting procedure:** Cool containers with water spray. Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) in positive pressure mode. On small fires, use water spray or fog. On large fires, use heavy deluge or fog streams. Flooding amounts of water may be required before extinguishment can be accomplished.

**SECTION 6 – Accidental Release Measures**

**Personal precautions:** For small spills in a well-ventilated areas, wear a NIOSH approved half-face or full face tight fitting respirator or a loose fitting powdered air purifying respirator equipped with chlorine cartridges. Chemical Goggles should be worn when using a half-face respirator. In addition to respiratory protection, wear coverall, chemical resistant gloves, chemical resistant footwear; and chemical resistant headgear for overhead exposure. For cleanup of large spills, or small dry spills in confined areas, wear full-face respirator with chlorine cartridges or a

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positive pressure supplied air respirator. Additionally, body protection should be impervious clothing covering entire body to prevent personal contact with material. CAUTION- Protection concerns must also address the following: If this material becomes damp/wet or contaminated in a container, the formation of nitrogen trichloride gas may occur and an explosive condition may exist.

**Methods for cleaning up:** Hazardous concentrations in air may be found in local spill area immediately downwind. If spill material is still dry, do not put water directly on this product as a gas evolution may occur.

**Environmental precautions:**

**Soil:** Do not contaminate spill material with any organic materials, ammonia, ammonium salts or urea. Clean up all spill material with clean, dry dedicated equipment and place in a clean dry container.

**Water:** This material is heavier than soluble in water. Stop flow of material into water as soon as possible. Begin monitoring for available chlorine and pH immediately.

**Air:** Vapors may be suppressed by the use of water fog.

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## SECTION 7 – HANDLING & STORAGE

**Handling:** Do not take internally. Avoid contact with skin, eyes, and clothing. Upon contact with skin or eyes, wash off with water.

**Storage:** Store in a dry, cool, well-ventilated area, away from incompatible materials (see “materials to avoid”). Do not store at temperatures above 60°C/140°F. Product has an indefinite shelf-life limitation.

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## SECTION 8 – Exposure Controls/Personal Protection

Components	ACGIH-TLV Data	OSHA (PEL) Data
Sodium Dichloroiso Cyanurate, Dihydrate 51580-86-0	Not determined	Not determined

**Ventilation requirements:** Use local exhaust ventilation to minimize dust and chlorine levels where industrial use occurs. Otherwise, ensure good general ventilation.

**Personal protective equipment:**

**Respiratory protection:** When dusty conditions are encountered, wear a NIOSH/OSHA full-face respirator with chlorine cartridges for protection against chlorine gas and dust/mist pre-filter.

**Hand protection:** Neoprene gloves (0.67 mm)

**Eye protection:** Use chemical safety glasses to avoid eye contact. Where industrial use occurs, chemical goggles may be required.

**Skin and body protection:** Impervious body covering clothes, boots and neoprene apron.

**Hygiene measures:** Do not eat, smoke or drink where material is handled, processed or stored. Wash hands thoroughly after handling and before eating or smoking. Safety shower and eye bath should be provided.

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## SECTION 9 – Physical and Chemical Properties

**Appearance:** White granules

**Odor:** Mild chlorine-like

**Odor threshold:** Not determined

**pH:** Not determined

**Melting point/range:** Not applicable

**Initial boiling point/range:** Not applicable

**Flash point:** Not applicable

**Evaporation Rate (ether=1):** Not applicable under standard conditions.

**Flammability (solid, gas):** Not determined

**Flammable/Explosion limits:** Not determined

**Vapor pressure:** Not applicable under standard conditions

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**Vapor density:** Not applicable under standard conditions  
**Relative density:** Not determined  
**Solubility:**  
**Solubility (water):** 24-25 g/100g  
**Partition coefficient:** Not determined (n-octanol/water)  
**Auto-ignition temperature:** Not self-ignitable

**Decomposition temperature:** Not determined  
**Viscosity:** Not applicable  
**Explosive properties:** Not determined  
**Oxidising properties:** Not oxidizing  
**Particle size:** Non-inhalable

## SECTION 10 – Stability & Reactivity

**Reactivity:** Begins to lose one mole of water at approximately 50°C

**Stability:** Stable under normal conditions.

**Possibility of hazardous reactions:** If this material becomes damp/wet or contaminated in a container, the information of nitrogen trichloride gas may occur and an explosive condition may exist.

**Conditions to Avoid:** Heating above decomposition temperature, Do not package in paper or cardboard.

**Materials to avoid:** organic materials, reducing agents, nitrogen containing materials, other oxidizers, acids, bases, oils, grease, sawdust, dry fire extinguishers containing monoammonium compounds.

**Hazardous decomposition products:** Nitrogen trichloride, chlorine, carbon monoxide

## SECTION-11 - TOXICOLICAL Information

### Acute Toxicity

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium Dichloroiso Cyanurate, Dihydrate	1671 mg/kg (Rat)	>5000 mg/kg (Rat)	Not Listed

**Dermal irritation (rabbit):** Severe irritant

**Eye irritation (rabbit):** Severe irritant

**Dermal sensitization:** Not a sensitizer

**Immediately Dangerous to Life or Health (IDLH):** No level has been established for the components or the product itself.

### Effects of overexposure:

**Chronic toxicity:** Chronic inhalation exposure may cause impairment of lung function and permanent lung permanent lung damage.

**Mutagenicity:** Not mutagenic in five Salmonella strains with or without metabolic activation.

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Pentassium Triphosphate	3100 mg/kg (Rat)	7490 mg/kg (Rabbit)	Not Listed

**Toxicologically Synergistic Products:** No information Available

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Irritation:** Moderately irritating eyes, skin and respiratory system

**Sensitization:** No information available.

**Carcinogenicity:** The below indicates whether each agency has listed any ingredients as carcinogen.

Component	CAS-No	IARC	NTP	ACGIH	OSHA	Mexico
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Pentasodium Triphosphate	7758-29-4	Not listed	Not listed	Not listed	Not listed	Not listed
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**Mutagenic Effects:** No information available.

**Reproductive Effects:** No information available.

**Developmental Effects:** No information available.

**Teratogenicity Effects:** No information available.

**STOT – single exposure:** Respiratory system.

**STOT – repeated exposure:** None known.

**Aspiration hazard:** No information available.

**Symptoms/effects, both acute and delayed:** No information available.

**Endocrine Disruptor Information:** No information available.

**Other Adverse Effects:** The toxicological properties have not been fully investigated.

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## SECTION 12 – ECOLOGICAL INFORMATION

N/A

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## SECTION 13 – DISPOSAL CONSIDERATIONS

N/A

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## SECTION 14 – TRANSPORT INFORMATION

N/A

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## SECTION 15 – REGULATORY INFORMATION

N/A

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## SECTION 16 – OTHER INFORMATION

**Issue Date:** 12-15-2015

**Disclaimer:** The information in the sheet was written based on the best knowledge and experience currently available. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release.