

# SAFETY DATA SHEET

F-JS-552/F-LN-551

Laundry Softener

## SECTION 1 - Identification

**PRODUCT IDENTITY:** Laundry Softener  
**CORNHUSKER STATE INDUSTRIES**  
**800 PIONEERS BLVD**  
**LINCOLN, NEBRASKA 68502**  
**PHONE: 800-348-7537 or 402-471-4597**

**PRODUCT NUMBER:** F-JS-552/F-LN-552  
**Emergency Phone Number**  
**CHEMTREC**  
**1-800-424-9300**

**Recommended Use:** Laundry Softener  
**Restrictions on Use:** None known

## SECTION 2 – Hazard(s) Identification

**Physical Hazards:** Not classified

**Health Hazards:** Serious eye damage/eye irritation Category 2B

**Environmental hazards:** Hazardous to the aquatic environment, acute hazard Category 1

**OSHA defined hazards:** Not classified

**Label Elements**



**Signal Word:** Warning

**Hazard statement:** Causes eye irritation. Very toxic to aquatic life.

**Prevention:** Wash hands thoroughly after handling. Avoid release to the environment.

**Response:** Collect spillage. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Storage:** Store away from incompatible materials.

**Disposal:** Dispose of contents/container in accordance with local/regional/national requirements.

**Hazard(s) not otherwise classified (HNOC):** None known.

**Supplemental information:** None.

## SECTION 3 – Composition/ Information on Ingredients

**Mixtures**

Chemical name	Common name and synonyms	CAS number	%
_Poly (oxy-1, 2-ethanedily), a-[2-[bis (2-aminoethyl) methylammo nio] ethyl]-w-hydroxy-, N,N'-di-C14-18 acyl derivs., Me sulfates (salts)		70914-09-9	10.5 - 12.0
Propylene Glycol		57-55-6	0.5 - 1.0
Other components below reportable levels			<0.5

## SECTION 4 – First-aid Measures

**Inhalation:** Move to fresh air. Call a physician if symptoms develop or persist.

**Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

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**Ingestion:** Rinse mouth. Get medical attention if symptoms occur.

**Most Important Symptoms/ Effects, Acute and Delayed:** Exposed individuals may experience eye tearing, redness, and discomfort.

**Indication of Immediate Medical Attention and Special Treatment Needed, if necessary:** Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

**General information:** Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

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## SECTION 5 – Fire-Fighting Measures

**Suitable extinguishing media:** Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).

**Unsuitable extinguishing media:** Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from Chemical:** During fire, gases hazardous to health may be formed.

**Special protective Actions for firefighters:** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**Fire-fighting equipment/instructions:** Move containers from fire area if you can do so without risk.

**Specific methods:** Use standard firefighting procedures and consider the hazards of other involved materials.

**General fire hazards:** No unusual fire or explosion hazards noted.

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## SECTION 6 – Accidental Release Measures

**Personal precautions, Protective equipment & emergency procedures:** Keep unnecessary personal away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

**Methods and materials for containment and cleaning up:**

**Large Spills:** Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculate, dry sand or earth and place into containers. Prevent product from entering drains. Following product recovery, flush area with water.

**Small Spills:** Wipe up with absorbent material (e.g. clot, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use.

**Environmental Precautions:** Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

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## SECTION 7 – HANDLING & STORAGE

**Precautions for safe handling:** Avoid contact with eyes. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Avoid release to the environment .Do no empty into drains.

**Conditions for safe storage, including any incompatibilities:** Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

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## SECTION 8 – Exposure Controls/Personal Protection

**Occupational exposure limits**

**US. AIHA Workplace Environmental Exposure Level (WEEL) Guides**

Components	Type	Value	Form
Propylene Glycol (CAS 57-55-6)	TWA	10 mg/m <sup>3</sup>	Aerosol.

**Biological limit values:** No biological exposure limits noted for the ingredient(s).

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**Appropriate engineering controls:** Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.

**Eye/face protection:** Wear safety glasses with side shields (or goggles).

**Hand protection:** For prolonged or repeated skin contact use suitable protective gloves.

### **Skin protection**

**Other:** Wear suitable protective clothing.

**Respiratory protection:** In case of insufficient ventilation, wear suitable respiratory equipment.

**Thermal hazards:** Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations:** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

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## **SECTION 9 – Physical and Chemical Properties**

### **Appearance**

**Physical state:** Liquid

**Form:** Liquid

**Color:** Yellow

**Odor:** Not available

**Odor Threshold:** Not available

**pH:** 4.5000 - 6.5000 @ 10 % in water/IPA

**Melting point/freezing Point:** Not available

**Initial boiling point and boiling range:**

230 °F (110°C)

**Flash point:** > 201° F (>93.9°C)

Pensky-Martens Closed Cup

**Evaporation Rate:** Estimated slower than ethyl ether.

### **Upper/lower flammability or explosive limits**

**Flammability limit-lower:** NOT DETERMINED.  
(%)

**Flammability limit-upper:** NOT DETERMINED.  
(%)

**Explosive limit-lower (%):** Not available

**Explosive limit-upper(%):** Not available

**Vapor Pressure:** Not determined

**Vapor Density:** Estimated heavier than air.

**Relative density:** Not available

### **Solubility (ies)**

**Solubility (water):** Not available

**Auto-ignition temperature:** Not available

**Decomposition temperature:** Not available

**Viscosity:** 5000 cps @ MHT

### **Other information**

**Density:** 7.9 lbs/gal

**Pour point:** 53.6°F (12° C)

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## **SECTION 10 – Stability & Reactivity**

**Reactivity:** The product is stable and non-reactive under normal conditions of use, storage and transport.

**Chemical stability:** Material is stable under normal conditions.

**Possibility of hazardous reactions:** No dangerous reaction known under conditions of normal use.

**Conditions to Avoid:** Avoid temperatures exceeding the flash point. Contact with incompatible materials.

**Incompatible materials:** Strong oxidizing agents.

**Hazardous decomposition products:** No hazardous decomposition products are known.

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## **SECTION-11 - TOXICOLOGICAL Information**

### **Information on likely routes of exposure**

**Ingestion:** Expected to be a low ingestion hazard.

**Skin contact:** No adverse effects due to skin contact are expected.

**Eye contact:** Causes eye irritation.

**Symptoms related to the physical, chemical and toxicological characteristics:** Exposed individuals may experience eye tearing, redness, and discomfort.

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## Information on toxicological effects

### Acute toxicity

Product	Species	Test Results
ACCOSOFT 780 PG		
<b>Acute</b> <i>Dermal</i> LD50	Rabbit	2000 mg/kg
<i>Oral</i> LD50	Rat	5000 mg/kg

**Skin corrosion/irritation:** Prolonged skin contact may cause temporary irritation.

**Serious eye damage/eye irritation:** Causes eye irritation.

### Respiratory or skin sensitization

**Respiratory sensitization:** Not available

**Skin sensitization:** This product is not expected to cause skin sensitization.

**Germ cell mutagenicity:** No data available to indicate product or any components present at greater than 0.1 % are mutagenic or genotoxic.

**Carcinogenicity:** This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not listed.

**Reproductive toxicity:** This product is not expected to cause reproductive or development effects.

**Specific target organ toxicity single exposure -** Not applicable.

**Specific target organ toxicity repeated exposure -** Not applicable.

**Aspiration hazard:** Not applicable.

**Chronic effects:** Prolonged inhalation may be harmful.

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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

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**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.