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# LIQUID FABRIC SOFTENER

**WARNING:**  
**CAUSES IRRITATION**  
**CONTAINS ISOPROPYL ALCOHOL**

- ADVANTAGES:**
1. Lowers cost per application.
  2. Gives better dispersion in the wheel.
  3. Eliminates carry-over or loss of absorbency.
  4. Improves wrinkle recovery.
  5. Allows faster flow rate on flatwork ironers.
  6. Ends static problems and reduces sticking problems.
  7. Contains no Phosphates.

**DIRECTIONS FOR USE:**  
Add Liquid Fabric Softener to the final rinse or with the sour.  
One ounce per standard load.  
Do not add during the washing cycle.  
To use directly in the wheel, use 4 ounces per 100 pounds of dry weight fabric. Allow 5-10 minutes running time for proper exhaustion.

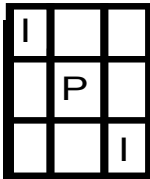
**CAUTION:**  
**KEEP OUT OF THE REACH OF CHILDREN**

**Only for sale to, use and storage by Service Personnel.**

For best product efficiency keep stock rotated.  
Shelf life is 1 year.

Judgements as to the suitability of the information provided herein for the purchaser's purposes are necessarily the purchaser's responsibility. Therefore, although reasonable care has been taken in the preparation of such information, Iowa Prison Industries extends no warranties, makes no representations and assumes no responsibility as to the accuracy or suitability of such information for application to the purchaser's intended purposes or for the consequences of its use.

Gallons LA50500 - Case of 4



**IOWA  
PRISON  
INDUSTRIE**

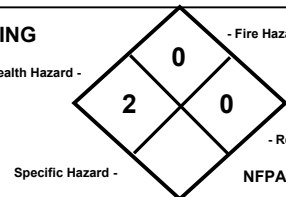
**MATERIAL SAFETY DATA SHEET**  
(Prepared According to 29 CFR 1910.1200)

Date Prepared: 8/1/06  
Supersedes Date: 1/5/99

**HAZARD RATING**

4-EXTREME  
3-HIGH  
2-MODERATE  
1-SLIGHT  
0-INSIGNIFICANT

Health Hazard -



- Fire Hazard

- Reactivity

NFPA CODE 704

**SECTION 1 - PRODUCT IDENTIFICATION**

Manufacturer Name IOWA PRISON INDUSTRIES      Emergency Telephone No. (319) 462-3547  
Address 406 North High Street, Anamosa, Iowa 52205  
Trade Name- **LIQUID FABRIC SOFTENER**      Product Type- Liquid Laundry Softener  
Chemical Family- Na      Formula- Proprietary Blend

**SECTION 2 - HAZARDOUS INGREDIENTS**

CHEMICAL NAME / COMMON NAME	CAS. NO	PERCENT (optional)	OSHA STANDARDS	ACGIH GUIDELINES
Isopropanol	67-63-0	<3	PEL - 400 ppm	200 ppm TWA 400 ppm STEL

**SECTION 3 - PHYSICAL DATA**

Boiling Point (°F) 212      Specific Gravity (H2O = 1.0) 0.99      pH- 5.5  
Vapor Pressure- (mmHg) N.AP.      Vapor Density ( Air = 1) N.AP.  
Solubility in Water-  Complete     Insoluble     Emulsifiable (or dispersible)     Slight (or partial)  
Evaporation Rate- (vs Butylacetate) NE     Faster     Slower     About the Same  
Appearance and Odor- Opaque creamy white with floral scent.

**SECTION 4 - FIRE AND EXPLOSION HAZARD DATA**

Flash Point- (T.C.C.) above 200F     None to Boiling    Flammable Limits-NE    Upper- N.AP.    Lower- N.AP.  
Extinguishing Media- Water, dry chemical, foam, CO2  
Special Fire Fighting Procedures- None  
Unusual Fire and Explosion Hazards- None      Physical Hazards- None

**SECTION 5 - REACTIVE DATA**

Stability- Yes      Incompatibility- Strong oxidizers  
Hazardous Decomposition Products- Oxides of carbon, hydrogen and nitrogen.

**SECTION 6 - HEALTH HAZARDS**

Primary Routes of Exposure-  Eye     Skin     Oral     Inhalation     Other-  
Signs and Symptoms of Over-Exposure (Acute)- Product may be irritating to eyes. Ingestion may produce cramps and diarrhea. Oral LD50 (rats) is greater than 10g/ kg.  
Signs and Symptoms of Over-Exposure (Chronic)- No available information was found.  
Medical Conditions Aggravated by Over-Exposure- None known  
Carcinogen or Suspect Carcinogen Ingredients-     NTP     IARC     OSHA     NONE

**SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES**

Eyes: Immediately flush eyes with water for 15 minutes.  
Skin: Flush with water if irritation occurs.  
Ingestion: Give large quantities of water, then induce vomiting. Contact physician.  
Inhalation: Move victim to fresh air. Give artificial respiration if patient is not breathing.

**SECTION 8 - SPECIAL PROTECTION INFORMATION**

Respiratory Protection- None  
Ventilation Requirements-     Local Exhaust     Mechanical     Other- Normal ventilation is usually adequate  
Protective Gloves- Not normally required      Eye Protection- Goggles  
Other Protective Clothing- None

**SECTION 9 - SPILL OR LEAK PROCEDURES**

Steps to be Taken if Released or Spilled- Soak up liquids with suitable non-combustible absorbent, sweep up absorbed material.  
Waste Disposal Methods- In accordance with local, state and federal regulations.

**SECTION 10 - STORAGE AND HANDLING INFORMATION**

Precautions to be Take in Handling and Storage- If frozen, thaw and remix until uniform before using.

I.AP. = Not applicable. N.AV. = Not available. NE = Not established.