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# WAREWASH LIQUID CONVEYOR LUBRICANT

## Conveyor Lubricant

### GENERAL DESCRIPTION:

Warewash Liquid Conveyor Lubricant is a high dilution, water-soluble conveyor lubricant for use in a wide variety of food operations. Warewash Liquid Conveyor Lubricant was developed for use as a chain and conveyor lubricant. Warewash Liquid Conveyor Lubricant is formulated to optimize detergency, lubrication and hard water tolerance. It provides clean, trouble-free conveyor systems. Dilution, concentration levels and delivery rates are controllable with an Iowa Prison Industries lubricant system. Maximum dilution in 6 gpg (100 ppm) as calcium carbonate (CaCO<sub>3</sub>) water without hard water soap formation is 1:150.

### FEATURES AND BENEFITS:

Concentrated	Lubricates effectively at high dilutions.
Contains a high level of sequestrants	Prevents nozzles from clogging in most hard water situations.
Formulated with synthetic surfactants	Adds detergency, reduces viscosity to allow delivery even at cold temperatures of 40 to 65° F (4 to 18° C).

### HOW TO USE:

1. Water hardness - If over 4 gpg, a water softener will very likely improve economy.
2. Conveyor type - In-floor case conveyors require higher lube concentrations than table top high-speed conveyors.
3. Conveyor speed - High-speed lines may cause unusually high foam.
4. Spillage - Dirty chains require more lube than clean chains.
5. Spray nozzles - A large number or use of high flow-rate nozzles allows high lube dilutions.
6. Miscellaneous - Conveyor motors, conveyor length, etc.

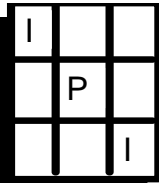
### CAUTION KEEP OUT OF THE REACH OF CHILDREN

**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.

5 Gallon Pail WW70825 - Each



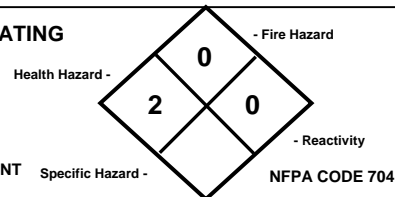
**IOWA  
PRISON  
INDUSTRIES**

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

Date Prepared: 8/1/06  
Supersedes Date: 3/15/99

**HAZARD RATING**

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



**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- <b>WAREWASH LIQUID CONVEYOR LUBRICANT</b>	Product Type- Liquid Conveyor Lubricant
Chemical Family- Liquid Conveyor Lubricant	Formula- Proprietary

**SECTION 2 - HAZARDOUS INGREDIENTS**

CHEMICAL NAME / COMMON NAME	CAS. NO	PERCENT (optional)	OSHA STANDARDS	ACGIH GUIDELINES
Isopropyl alcohol	67-63-0	5.0 – 10.0	PEL - 400 ppm TWA	TLV - 200 ppm TWA STEL - 400 ppm
Tetrasodium EDTA	64-02-8	5.0 – 10.0	N.AV.	N.AV.

**SECTION 3 - PHYSICAL DATA**

Boiling Point (°F) 212	Specific Gravity (H2O = 1.0) 1.030	pH- 11.0
Vapor Pressure- (mmHg) N.AV.	Vapor Density ( Air = 1) N.AV.	
Solubility in Water- 100% <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Insoluble <input type="checkbox"/> Emulsifiable (or dispersible) <input type="checkbox"/> Slight (or partial)		
Evaporation Rate- (n-Butyl Acetate=1) > 1 <input type="checkbox"/> Faster <input checked="" type="checkbox"/> Slower <input type="checkbox"/> About the Same		
Appearance and Odor- Clear yellow liquid, alcohol odor.		

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

Flash Point- 97 F TCC	<input type="checkbox"/> None to Boiling	Flammable Limits- Upper- N.AV. Lower- N.AV.
Extinguishing Media- Water, water fog, CO2, dry chemical.		
Special Fire Fighting Procedures- Wear protective firefighting gear and self contained breathing apparatus in fire area.		
Unusual Fire and Explosion Hazards- A vapor accumulation may flash if ignited. Physical Hazards- None		

**SECTION 5 - REACTIVE DATA**

Stability- High	Incompatibility- Oxidizing agents or powdered chlorinated cleaners.
Hazardous Decomposition Products- CO, CO2 with incomplete combustion.	

**SECTION 6 - HEALTH HAZARDS**

Primary Routes of Exposure- <input checked="" type="checkbox"/> Eye <input checked="" type="checkbox"/> Skin <input checked="" type="checkbox"/> Oral <input checked="" type="checkbox"/> Inhalation <input type="checkbox"/> Other-
Signs and Symptoms of Over-Exposure (Acute)- Causes eye and skin irritation with pain or redness or dryness. May be harmful if swallowed. Causes nausea, vomiting, pain, and diarrhea if product is ingested.
Signs and Symptoms of Over-Exposure (Chronic)- No known hazard. No known target organ effects.
Medical Conditions Aggravated by Over-Exposure- Sensitive skin; prolonged contact may cause dryness or dermatitis.
Carcinogen or Suspect Carcinogen Ingredients- <input type="checkbox"/> NTP <input type="checkbox"/> IARC <input type="checkbox"/> OSHA <input checked="" type="checkbox"/> NONE

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

Eyes: Flush thoroughly with fresh water for at least 15 minutes. Get medical attention.
Skin: Flush with plenty of fresh water. If irritation develops, get medical attention. Remove contaminated clothes and shoes. Clean before reuse.
Ingestion: Give several glasses of water. DO NOT INDUCE VOMITING. Get medical attention. Never give anything by mouth to an unconscious person.
Inhalation: Remove to fresh air. Get medical attention.

**SECTION 8 - SPECIAL PROTECTION INFORMATION**

Respiratory Protection- Not usually required.
Ventilation Requirements- None <input type="checkbox"/> Local Exhaust <input type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Other- Usually not required.
Protective Gloves- Rubber, PVC, or chemical resistant. Eye Protection- Side shield safety glasses or chemical goggles.
Other Protective Clothing- Clothing to prevent skin contact. Eye wash in use area.

**SECTION 9 - SPILL OR LEAK PROCEDURES**

Steps to be Taken if Released or Spilled- Wipe up small amounts or flush to sanitary sewer; collect and return large amounts to container. Causes slippery surfaces. Clean and wash spill areas.
Waste Disposal Methods- PH adjustments. Use until less than one inch remains in container, empty container, triple rinse with water, add to operation. Remove or deface label before selling container or disposal. Not a RCRA hazardous waste. Contains biodegradable detergents. No CERCLA reportable quantity has been established for product.

**SECTION 10 - STORAGE AND HANDLING INFORMATION**

Precautions to be Taken in Handling and Storage- Do not reuse empty container. Keep from freezing. Keep container close. If frozen, contact sales/service representative. Keep out of reach of children.
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N.AP. = Not applicable. N.AV. = Not available. NE = Not established.