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INJECTION SYSTEM SOUR

For Institutional Use Only

Corrosive:
CAUSES SEVERE BURNS TO SKIN AND EYES.
MAY BE FATAL IF SWALLOWED.
MAY CAUSE RESPIRATORY TRACT IRRITATION.

Do not get in eyes, on skin, or on clothing. Avoid breathing dust, mist, or vapors. Keep container closed when not being used. Use or handle with adequate ventilation to maintain any exposure limits for the product. Wash thoroughly after handling or working with product.

CONTAINER DISPOSAL:
When empty, this container may still be hazardous. Triple rinse container and liner with water and add to use solution of product.

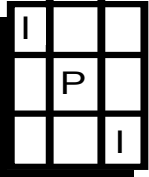
CAUTION
KEEP OUT OF THE REACH OF CHILDREN

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 LA51025 -Each / 15 Gallon Drum LA51000 - Each plus drum deposit S60675
30 Gallon Drum LA51050 - Each plus drum deposit S60700



**IOWA
PRISON
INDUSTRIE**

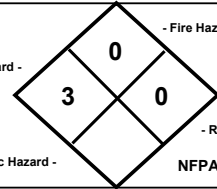
MATERIAL SAFETY DATA SHEET
(Prepared According to 29 CFR 1910.1200)

Date Prepared: 3/1/97
Supersedes Date: 4/24/95

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- INJECTION SYSTEM SOUR	Product Type- Liquid Laundry Sour
Chemical Family- Liquid Laundry Sour	Formula- Proprietary Blend

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME / COMMON NAME	CAS. NO	PERCENT (optional)	OSHA STANDARDS	ACGHI GUIDELINES
Phosphoric Acid	7664-38-2	<25	TWA - 1mg/m	STEL - 3mg/m

SECTION 3 - PHYSICAL DATA

Boiling Point (°F) 212	Specific Gravity (H2O = 1.0) 1.19	pH- <1.5
Vapor Pressure- (mmHg) 17.5	Vapor Density (Air = 1) NA	
Solubility in Water- <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Insoluble <input type="checkbox"/> Emulsifiable (or dispersible) <input type="checkbox"/> Slight (or partial)		
Evaporation Rate- (vs H2O) <input type="checkbox"/> Faster <input type="checkbox"/> Slower <input checked="" type="checkbox"/> About the Same		
Appearance and Odor- Clear green liquid; no odor		

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point- (T.C.C.) <input checked="" type="checkbox"/> None to Boiling	Flammable Limits- Upper- NONE Lower- NONE
Extinguishing Media- Water; water fog	
Special Fire Fighting Procedures- Wear full protective gear to prevent skin contact and self-contained breathing apparatus.	
Unusual Fire and Explosion Hazards- None	Physical Hazards- Corrosive

SECTION 5 - REACTIVE DATA

Stability- Stable	Incompatibility- Strong oxidizers, alkaline materials, soft metals or chlorinated cleaners.
Hazardous Decomposition Products- No, CO and oxides of Phosphorous with incomplete combustion.	

SECTION 6 - HEALTH HAZARDS

Primary Routes of Exposure- <input 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)- Harmful or fatal if swallowed. Eye and skin irritant. May cause permanent damage if not treated promptly. Irritation or burning sensation.
Signs and Symptoms of Over-Exposure (Chronic)- None known
Medical Conditions Aggravated by Over-Exposure- May aggravate skin disorders or respiratory ailments.
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 fresh water for at least 15 minutes. Wash with soap & water. Remove contaminated clothes and shoes. Get medical attention for any injured skin areas.
Ingestion: Give water. DO NOT INDUCE VOMITING. Get medical attention. Never give anything by mouth to an unconscious person.
Inhalation: If inhaled, remove to fresh air. Get medical attention.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection- NIOSH Acid respirator if exposure limits exceeded.	
Ventilation Requirements- Normal air diluton <input type="checkbox"/> Local Exhaust <input type="checkbox"/> Mechanical <input type="checkbox"/> Other-	
Protective Gloves- Rubber or PVC	Eye Protection- Side shield, Safety glasses, face shield.
Other Protective Clothing- Chemically impervious clothing and footwear. Safety shower and eyewash station in use area.	

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken if Released or Spilled- Collect and return large amounts to an appropriate covered container. Dispose in accordance with local, state and federal regulations.
Waste Disposal Methods- Dispose of in accordance with Local, State and Federal regulations. If possible, triple rinse container, and recycle.

SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in Handling and Storage- Store in original container, in cool dry place with adequate ventilation. Keep out of reach of children. Keep container tightly closed when not in use.
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