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# INJECTION SYSTEM BLEACH 10%

**DESCRIPTION:**

Injection System Bleach is a Sodium Hypochlorite product. An all purpose liquid bleach for use in the laundry, and removing stains, etc.

Active Ingredient: Sodium Hypochlorite 10% by weight.

**IMPORTANT:**

Do not use chlorine bleach in combination with ammonia or other household chemicals, toilet bowl cleaners, rust removers, etc. Such mixing may cause hazardous gases to be released. Avoid transfer to food or beverage containers. Avoid contamination of food.

**Corrosive:**

**WILL IRRITATE SKIN AND EYES.**

**HARMFUL IF SWALLOWED.**

**WARNING:**

Not for personal use.

Do not get on skin or in eyes.

Do not take internally.

**CAUTION:**

**KEEP TIGHTLY CAPED CONTAINER UPRIGHT IN COOL PLACE**

**KEEP OUT OF THE REACH OF CHILDREN**

**AVOID MIXING WITH AMMONIA AND ACIDS**

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

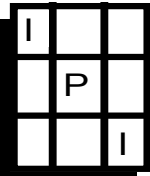
For best product efficiency keep stock rotated.

Shelf life is 3 months.

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 LA50650 - Each / 15 Gallon Drum LA50600-Each plus drum deposit S60675

30 Gallon Drum LA50625 - Each plus drum deposit S60700



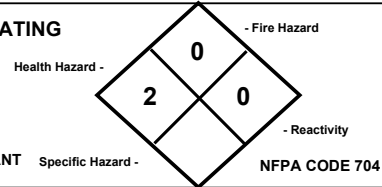
**IOWA  
PRISON  
INDUSTRIE**

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

Date Prepared: 3/1/97  
Supersedes Date: 10/1/96

**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>INJECTION SYSTEM BLEACH 10%</b>	Product Type- Liquid Laundry Bleach
Chemical Family- Bleach	Formula- Sodium Hypochlorite

**SECTION 2 - HAZARDOUS INGREDIENTS**

CHEMICAL NAME / COMMON NAME	CAS. NO	PERCENT (optional)	OSHA STANDARDS	ACGHI GUIDELINES
Sodium Hypochlorite	7681-52-9	10	PEL - NE	TLV - NE
Sodium Chloride	7617-14-5	5 - 13	PEL - NE	TLV - NE
Sodium Hydroxide	1310-73-2	0.05-1.0	2mg/m	2mg/m

**SECTION 3 - PHYSICAL DATA**

Boiling Point (°F) 219	Specific Gravity (H2O = 1.0) 1.173	pH- 12.95
Vapor Pressure- (mmHg) 50	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 Butylacetate) NE <input type="checkbox"/> Faster <input type="checkbox"/> Slower <input type="checkbox"/> About the Same		
Appearance and Odor- Banana-colored clear liquid, chlorine bleach odor		

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

Flash Point- (T.C.C.) NA	<input type="checkbox"/> None to Boiling	Flammable Limits- Upper- NA Lower- NA
Extinguishing Media- Use extinguishing media appropriate to surrounding fire.		
Special Fire Fighting Procedures- Fire fighters should wear self-contained breathing apparatus and full protective clothing. Use water spray to cool nearby containers and structures.		
Unusual Fire and Explosion Hazards- Containers of this material can explode as oxygen is liberated under high heat conditions.		Physical Hazards- None

**SECTION 5 - REACTIVE DATA**

Stability- Unstable with ammonia and other cleaners.	Incompatibility- Organic materials
Hazardous Decomposition Products- HOCL, chlorine, HCL, NAACL, sodium chlorate and oxygen.	

**SECTION 6 - HEALTH HAZARDS**

Primary Routes of Exposure- <input checked="" type="checkbox"/> Eye <input checked="" type="checkbox"/> Skin <input type="checkbox"/> Oral <input checked="" type="checkbox"/> Inhalation <input type="checkbox"/> Other-
Signs and Symptoms of Over-Exposure (Acute)- Eyes: Direct contact may cause irritation. Skin: Prolonged or repeated contact may cause irritation. Ingestion: May cause gastrointestinal irritation, nausea, diarrhea.
Signs and Symptoms of Over-Exposure (Chronic)- Same as Acute
Medical Conditions Aggravated by Over-Exposure- None known
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: Immediately flush eyes and continue to repeatedly flush eyes with constantly running water for 15 minutes lifting the upper and lower eyelids occasionally. Get immediate medical attention.
Skin: Immediately flush skin thoroughly and continue to repeatedly flush skin with constantly running water for 15 minutes. Remove contaminated clothing and shoes, wash before reuse. Get immediate medical attention.
Ingestion: DO NOT INDUCE VOMITING. If conscious, give water or milk or milk of magnesia. Do not give baking soda or acid antidotes. Do not give anything by mouth to an unconscious or convulsing person.
Inhalation: Remove to fresh air. Give artificial respiration if not breathing. Administer oxygen if breathing is difficult. Get immediate medical attention.

**SECTION 8 - SPECIAL PROTECTION INFORMATION**

Respiratory Protection- Wear a NIOSH approved respirator appropriate for the vapor or mist concentration at the point of use.	
Ventilation Requirements- <input checked="" type="checkbox"/> Local Exhaust <input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> Other- Use good ventilation	
Protective Gloves- Rubber	Eye Protection- Safety glasses if using 16 ozs or less of product.
Other Protective Clothing- Long sleeved shirt, rubber boots, rubber apron, safety shower and eyewash station.	

**SECTION 9 - SPILL OR LEAK PROCEDURES**

Steps to be Taken if Released or Spilled- Comply with all applicable governmental regulations on spill reporting, handling and disposal of waste.
Waste Disposal Methods- In accordance with local, state and federal regulations.

**SECTION 10 - STORAGE AND HANDLING INFORMATION**

Precautions to be Taken in Handling and Storage- Store in cool dry area. Follow normal good housekeeping practices. Wash thoroughly after use.
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