

## SAFETY DATA SHEET



Date Prepared : 06/24/2015  
SDS No : 7005

## INDUSTRIAL BLUE

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** INDUSTRIAL BLUE  
**GENERAL USE:** Heavy Duty Chlorinated Cleaner  
**PRODUCT CODE:** 7005

**MANUFACTURER**

JOHN-HENRY Enterprises, Inc.  
2813 Richland Ave  
Metairie, LA 70002  
**Emergency Contact:** H. Zeller  
**Emergency Phone:** 504-888-8989

**24 HR. EMERGENCY TELEPHONE NUMBERS**

US/Canada: 800-535-5053

## 2. HAZARDS IDENTIFICATION

**GHS CLASSIFICATIONS**

Skin Corrosion, Category 1A

**Health:**

Serious Eye Damage, Category 1

**Environmental:**

Acute Hazards to the Aquatic Environment, Category 1

**GHS LABEL**

CORROSIVE. Causes severe irritation and burns to skin. Causes severe burns and damage to eyes. Mists and spray can be irritating to eyes, nose, throat, and respiratory tract. Harmful or fatal if swallowed.



CORROSIVE



Environmental  
Hazard

**SIGNAL WORD:** DANGER**HAZARD STATEMENTS**

H314: Causes severe skin burns and eye damage.  
H410: Very toxic to aquatic life with long lasting effects.  
H318: Causes serious eye damage.  
H302: Harmful if swallowed.

**PRECAUTIONARY STATEMENTS****General:**

P102: Keep out of reach of children.  
P103: Read label before use.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
1193JFS0: Avoid contact with acids and ammonia  
P273: Avoid release to the environment.  
75990X3S: Keep only in original container. Store in a well-ventilated place. Keep container tightly closed.

**EMERGENCY OVERVIEW**

**IMMEDIATE CONCERNS:** Causes severe irritation and burns to skin. Causes severe irritation, burns, and damage to eyes. Mists and vapors can cause irritation to eyes, nose, throat, and respiratory tract. Ingestion can damage mouth, throat, and other tissues and may be fatal.

**POTENTIAL HEALTH EFFECTS**

**EYES:** Corrosive to the eyes and may cause severe damage including tissue destruction and/or blindness.

**SKIN:** Contact causes severe skin irritation and possible burns.

**INGESTION:** Causes irritation, burns, and damage to mouth, throat, esophagus, and stomach. May be fatal if swallowed.

**INHALATION:** Mists or sprays can be moderately to severely irritating to eyes and respiratory tract.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Hypochlorous Acid, Sodium Salt	2 - 3	7681-52-9
Sodium Hydroxide	8 - 10	1310-73-2
All components are not hazardous or are present at levels that do not present a hazard to users.	> 85	mixture

### 4. FIRST AID MEASURES

**EYES:** Treat eye contact and a medical emergency. Gently hold eyelids open and immediately flush eyes with water for at least 15 minutes or until pain eases. Remove contact lenses if possible. Cover eyes loosely with sterile dressing and SEEK IMMEDIATE MEDICAL ATTENTION.

**SKIN:** Remove contaminated clothing and footwear. Flush off with copious amounts of running water. Seek medical attention for burns or if irritation persists or worsens.

**INGESTION:** Get immediate medical attention (call 911). Keep patient warm, calm, and quiet. Rinse mouth with water. Do not induce vomiting unless instructed to do so by poison center or physician.

**INHALATION:** If affected by vapors, spray or mist, move to fresh air. Seek medical attention if symptoms persist or worsen. Give oxygen if breathing is difficult and seek prompt medical attention.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**EYES:** Severe irritation or pain, tearing, redness, blurring and/or temporary or permanent loss of vision. May cause burns to and around eyes.

**SKIN:** Causes moderate to severe irritation and possibly burns.

**INGESTION:** Harmful or fatal if swallowed. Can cause irritation, gastric upset, burns and damage (corrosion) to mouth, throat, esophagus and gastrointestinal tract.

**INHALATION:** Spray or mists can severely irritate eyes, nose, throat, and respiratory tract causing coughing, sneezing, difficulty breathing, etc.

**NOTES TO PHYSICIAN:** Treat symptomatically. If burns are present, treat for thermal burns.

### 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** Not Applicable - Water based product with no flashpoint.

**GENERAL HAZARD:** Strong oxidizer. May accelerate fires and release irritating and toxic fumes

**EXTINGUISHING MEDIA:** Not applicable - water based product. After water has evaporated, use water (fog or spray) or chemical foam on burning solids.

**HAZARDOUS COMBUSTION PRODUCTS:** Oxides of carbon and nitrogen, organonitrogen and hydrocarbon residues, chlorine compounds, and acrid fumes

**EXPLOSION HAZARDS:** Containers can burst if exposed to flames or high temperatures.

**FIRE FIGHTING PROCEDURES:** Wear self-contained breathing apparatus when fighting chemical fires. Use water fog or spray to cool containers and/or disperse product vapors.

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Wear recommended PPE. Ventilate the area and remove uninvolved personnell. Contain and absorb spilled material. Dispose of contaminated absorbant properly. Wash spill area with water.

**LARGE SPILL:** Wear appropriate PPE. Remove uninvolved personnel from area. Stop flow. Contain spill and keep from entering sewer or surface waterways. Collect spill into suitable, properly labeled containers for use or disposal. Rinse spill area with water.

### 7. HANDLING AND STORAGE

**HANDLING:** Read and understand product label and SDS before handling any chemical. Use in well ventilated areas. Always wear recommended personal protective equipment. Follow label instructions.

**STORAGE:** Store in original containers in well ventilated area away from oxidizable organic materials (paper, fabric), acids, ammonia, and reducing agents. Keep containers closed when not in use. Store out of direct sunlight and away from sources of heat.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
			EXPOSURE LIMITS	
			OSHA PEL	
Chemical Name			ppm	mg/m <sup>3</sup>
Sodium Hydroxide	TWA			2

**ENGINEERING CONTROLS:** Maintain sufficient ventilation in storage and use areas to prevent the accumulation of product vapors, spray, or mists. Provide local exhaust for enclosed areas.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear safety glasses or goggles and face shield when handling.

**SKIN:** Wear chemically resistant outer garments, impermeable boots and gloves when handling.

**RESPIRATORY:** Use with adequate ventilation. Wear a NIOSH approved multi-purpose air purifying respirator where vapors, mists or spray are excessive or exceed exposure limits.

**PROTECTIVE CLOTHING:** Wear chemically resistant full length apron and impermeable boots when handling.

**WORK HYGIENIC PRACTICES:** Wash thoroughly before eating, drinking, smoking, or using the facilities after handling any chemical product.

**OTHER USE PRECAUTIONS:** Working eyewash stations and safety showers should be located in or near all areas where chemicals are stored or used.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**ODOR:** strong, bleach

**APPEARANCE:** clear, blue liquid

**pH:** > 12.0

**Notes:** (5% in water)

**PERCENT VOLATILE:** 85 - 90% (w/w)

**VAPOR PRESSURE:** Same as water (approximately)

**VAPOR DENSITY:** Same as water (approximately)

**BOILING POINT:** greater than 212 deg F

**FREEZING POINT:** less than 32 deg F (0 deg C)

**SOLUBILITY IN WATER:** Complete in all proportions.

**EVAPORATION RATE:** Same as water (approximately)

**SPECIFIC GRAVITY:** 1.09 to 1.1000

## 10. STABILITY AND REACTIVITY

**REACTIVITY:** No

**HAZARDOUS POLYMERIZATION:** No

**POSSIBILITY OF HAZARDOUS REACTIONS:** Reacts with metals such as aluminum or zinc (releases hydrogen, a flammable gas). Reacts vigorously with concentrated acids (generating heat and steam). Reacts with ammonia and amines and forms toxic fumes.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of carbon, and nitrogen, organonitrogen, and hydrocarbon residues, acid inorganic fumes, chlorine gas, hydrogen chloride

**INCOMPATIBLE MATERIALS:** Concentrated acids, oxidizing agents, metals such as aluminum or zinc, amines, ammonia, organic materials, reducing agents

## 11. TOXICOLOGICAL INFORMATION

**ACUTE**

**DERMAL LD<sub>50</sub>:** > 2 g/kg (rabbit)

**ORAL LD<sub>50</sub>:** 3 - 5 g/kg (rat)

**NOTES:** No toxicity data available for product

**EYE EFFECTS:** Severe irritation, pain, burns, temporary or permanent loss of vision.

**SKIN EFFECTS:** Moderate to severe irritation, burns, damage to underlying tissues, and scarring.

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** No data

**COMMENTS:** This product could be expected to produce significant ecotoxicity upon exposure to aquatic systems and organisms.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Unused or undiluted product constitutes a hazardous waste. Follow all appropriate local, state, and Federal disposal regulations. Surfactants and other organic components are biodegradable. Collect and neutralize spent solutions and discharge to a waste water treatment facility.

**FOR LARGE SPILLS:** See Section 6

**EMPTY CONTAINER:** Empty containers may contain product vapors. Do not cut, weld, burn, or grind. Return empty containers for recycling.

**RCRA/EPA WASTE INFORMATION:** Unused or undiluted product would constitute an RCRA regulated hazardous waste due to corrosivity (CORROSIVE WASTE - D002, pH equal to or greater than 12.5)

## 14. TRANSPORT INFORMATION

**DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** NA1760, Compound, Cleaning liquid (contains sodium hydroxide), 8, II

**REPORTABLE QUANTITY (RQ) UNDER CERCLA:** greater than 10000 lbs (as supplied)

**MARINE POLLUTANT #1:** No

**VESSEL (IMO/IMDG)**

**SHIPPING NAME:** UN1824, SODIUM HYDROXIDE SOLUTION, N.O.S., 8, PG II

**MARINE POLLUTANT #1:** No

## 15. REGULATORY INFORMATION

**UNITED STATES**

**DOT LABEL SYMBOL AND HAZARD CLASSIFICATION**



Corrosive

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

**311/312 HAZARD CATEGORIES:** Acute health hazard (eye and skin irritation/corrosion)

**FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No

**CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)**

Chemical Name	Wt.%	CERCLA RQ
Sodium Hydroxide	8 - 10	1,000

**CERCLA RQ:** greater than 10000 lbs (as supplied)

**EPA**

**EPA RQ INGREDIENT:** Sodium Hydroxide

**EPA RQ PRODUCT:** greater than 10000 lbs (as supplied)

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

Chemical Name	CAS
Hypochlorous Acid, Sodium Salt	7681-52-9
Sodium Hydroxide	1310-73-2

**TSCA STATUS:** All other ingredients are included on the TSCA Inventory or are exempt

**CALIFORNIA PROPOSITION 65:** Contains no substances known to the State of California to cause cancer, birth defects, or reproductive harm.

## 16. OTHER INFORMATION

**REASON FOR ISSUE:** Convert to GHS format

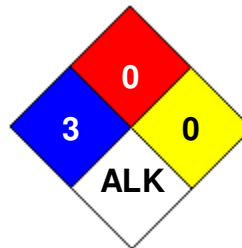
**APPROVED BY:** H. Zeller

**PREPARED BY:** CSCC **Date Prepared:** 06/24/2015

### HMIS RATING

HEALTH	<input type="checkbox"/>	3
FLAMMABILITY	<input type="checkbox"/>	0
PHYSICAL HAZARD	<input type="checkbox"/>	0
PERSONAL PROTECTION	<input checked="" type="checkbox"/>	

### NFPA CODES



**GENERAL STATEMENTS:** Amounts specified herein (other than for regulatory purposes) are typical and do not represent a specification. Unspecified or unlisted components are proprietary, do not present a hazard at levels present, are not hazardous, and/or are present at levels below reportable limits. Exact percentage values for all components are proprietary in accordance with 29 CFR 1910.1200(i)

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