

# SAFETY DATA SHEET



**Date Prepared :** 10/14/2014  
**MSDS No :** 0941  
**Date Revised :** 03/30/2015  
**Revision No :** 2

**IMS-462**

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** IMS-462  
**GENERAL USE:** Cleaner  
**PRODUCT CODE:** 0941

### MANUFACTURER

Detco Industries, Inc.  
 PO Box 430  
 Conway, AR 72033  
**Product Stewardship:** (800) 282-2133

### 24 HR. EMERGENCY TELEPHONE NUMBERS

**CHEMTREC (US Transportation) :**(800) 424 - 9300

## 2. HAZARDS IDENTIFICATION

### GHS CLASSIFICATIONS

#### Health:

Skin Corrosion, Category 1B  
 Serious Eye Damage, Category 1

### GHS LABEL



Corrosion

**SIGNAL WORD:** DANGER

### HAZARD STATEMENTS

H314: Causes severe skin burns and eye damage.

### PRECAUTIONARY STATEMENT(S)

#### Prevention:

P264: Wash hands thoroughly after handling.  
 P280: Wear protective gloves/protective clothing/eye protection/face protection.

#### Response:

P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
 P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P363: Wash contaminated clothing before reuse.  
 P304+P340: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.  
 P310: Immediately call a POISON CENTER or doctor/physician.  
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

#### Storage:

P405: Store locked up.

#### Disposal:

P501: Dispose of contents/container in accordance with federal, state and local regulations.

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## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS
Water	to 100%	7732-18-5
Sodium Hydroxide	15 - 20%	1310-73-2
D-gluconic Acid, Monosodium Salt	2 - 5%	527-07-1
Triethanolamine	1 - 2%	102-71-6
Diethanolamine	< 1%	111-42-2

## 4. FIRST AID MEASURES

**EYES:** Flush eyes with water for at least 15 minutes. If pain and/or irritation persists, get medical attention.

**SKIN:** Flush affected area with water for 15 minutes. Remove contaminated clothing. If pain and/or irritation persists, get medical attention. Launder clothes before reusing.

**INGESTION:** Do not induce vomiting. Give 2 glasses of water. Get immediate medical attention.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

## 5. FIRE FIGHTING MEASURES

**GENERAL HAZARD:** None.

**EXTINGUISHING MEDIA:** Carbon dioxide, water, foam or dry chemical.

**FIRE FIGHTING PROCEDURES:** As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Contain spill. Neutralize with a dilute acid solution. Absorb liquid and place in sealed container for disposal.

## 7. HANDLING AND STORAGE

**STORAGE:** Store in a tightly closed container.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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## EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
Chemical Name		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Sodium Hydroxide	TWA	[1]	2 [1]			NL	NL
	STEL	[2]	[2]			NL	NL
Diethanolamine	TWA	ppm [1]	mg/m <sup>3</sup> [1]	ppm	1 mg/m <sup>3</sup>	NL ppm	NL mg/m <sup>3</sup>
	STEL	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	NL ppm	NL mg/m <sup>3</sup>

**Footnotes:**  
 1. NL = Not Listed  
 2. C = Ceiling

## PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear safety glasses with side shields (or goggles).

**SKIN:** Wear rubber or nitrile gloves.

**RESPIRATORY:** None.

**PROTECTIVE CLOTHING:** Synthetic apron.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Slight

**COLOR:** Amber

**pH:** 13.5 to 14.0

**FLASHPOINT AND METHOD:** Not Flammable

**FLAMMABLE LIMITS:** N/D to N/D

**VAPOR PRESSURE:** Not Determined

**VAPOR DENSITY:** Not Determined

**BOILING POINT:** Not Determined

**FREEZING POINT:** Not Determined

**SOLUBILITY IN WATER:** Soluble

**EVAPORATION RATE:** Not Determined

**SPECIFIC GRAVITY:** 1.2

**(VOC):** < 0.100

**COEFF. OIL/WATER:** Not Determined

## 10. STABILITY AND REACTIVITY

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**HAZARDOUS POLYMERIZATION:** Will not occur.

**STABILITY:** Stable.

**CONDITIONS TO AVOID:** None.

**INCOMPATIBLE MATERIALS:** Strong acids, organic materials.

## 11. TOXICOLOGICAL INFORMATION

### CARCINOGENICITY

Chemical Name	IARC Status
Diethanolamine	2B

## 12. ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION:** Not available.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Dispose of in accordance with federal, state and local regulations.

## 14. TRANSPORT INFORMATION

### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Corrosive Liquid N.O.S

**TECHNICAL NAME:** (Sodium Hydroxide)

**PRIMARY HAZARD CLASS/DIVISION:** 8

**UN/NA NUMBER:** 1760

**PACKING GROUP:** II

## 15. REGULATORY INFORMATION

### UNITED STATES

#### DOT LABEL SYMBOL AND HAZARD CLASSIFICATION



Corrosive

#### CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt. %	CERCLA RQ
Sodium Hydroxide	15 - 20%	1,000 lbs.
Diethanolamine	< 1%	100 lbs.

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## 16. OTHER INFORMATION

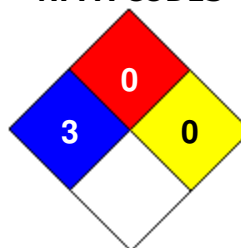
**PREPARED BY:** E. Spicer    **Date Revised:** 03/30/2015

**REVISION SUMMARY:** This MSDS replaces the 03/09/2015 MSDS. Revised: **Section 9:** BOILING POINT, COEFF. OIL/WATER, FLASHPOINT AND METHOD, FREEZING POINT, VAPOR DENSITY.

### HMIS RATING

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

### NFPA CODES



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