

# SAFETY DATA SHEET



Date Prepared : 01/31/2011  
 MSDS No : 1312  
 Date Revised : 03/30/2015  
 Revision No : 1

## Phase 1

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Phase 1  
**GENERAL USE:** Cleaner  
**PRODUCT CODE:** 1312

#### 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 1C  
 Eye Corrosion, Category 1

##### Physical:

Corrosive to Metals

#### GHS LABEL



Corrosion

**SIGNAL WORD:** DANGER

#### HAZARD STATEMENTS

H290: May be corrosive to metals.  
 H314: Causes severe skin burns and eye damage.

#### PRECAUTIONARY STATEMENT(S)

##### Prevention:

P234: Keep only in original container.  
 P260: Do not breathe dust/fume/gas/mist/vapours/spray.  
 P264: Wash hands thoroughly after handling.  
 P280: Wear protective gloves/protective clothing/eye protection/face protection.

##### Response:

P390: Absorb spillage to prevent material damage.  
 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

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present and easy to do. Continue rinsing.

### Storage:

P406: Store in corrosive resistant/... container with a resistant inner liner.

P405: Store locked up.

### Disposal:

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

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS
Water	to 100%	7732-18-5
Phosphoric Acid	10 - 15%	7664-38-2
Nonylphenol Ethoxylate	5 - 10%	9016-45-9
2- Butoxyethanol	1 - 2%	111-76-2

## 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 known.

**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 soda ash or lime. Flush area with large amounts of water.

## 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>
Phosphoric Acid	TWA	ppm [1]	1 mg/m <sup>3</sup> [1]	ppm	1 mg/m <sup>3</sup>	NL	NL
	STEL	ppm	mg/m <sup>3</sup>	ppm	3 mg/m <sup>3</sup>	NL	NL
2- Butoxyethanol	TWA	50 ppm [1]	240 mg/m <sup>3</sup> [1]	20 ppm [2]	97 mg/m <sup>3</sup> [2]	NL ppm	NL ppm
	STEL	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	NL mg/m <sup>3</sup>	NL mg/m <sup>3</sup>

**Footnotes:**  
 1. NL = Not Listed  
 2. S = Skin

### PERSONAL PROTECTIVE EQUIPMENT

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

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

**RESPIRATORY:** None.

**PROTECTIVE CLOTHING:** None.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Lemon

**COLOR:** Blue

**pH:** < 2.00

**FLASHPOINT AND METHOD:** > (200°F) (Calculated)

**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:** 1.055

**(VOC):** < 2.000 %

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

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### 10. STABILITY AND REACTIVITY

**HAZARDOUS POLYMERIZATION:** Will not occur.  
**STABILITY:** Stable.  
**CONDITIONS TO AVOID:** None known.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of carbon.  
**INCOMPATIBLE MATERIALS:** Strong alkali.

### 11. TOXICOLOGICAL INFORMATION

#### CARCINOGENICITY

Chemical Name	IARC Status	General Toxicity
Phosphoric Acid		None known.
2- Butoxyethanol	3	

### 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:** (Phosphoric Acid)  
**PRIMARY HAZARD CLASS/DIVISION:** 8  
**UN/NA NUMBER:** 1760  
**PACKING GROUP:** III

### 15. REGULATORY INFORMATION

#### UNITED STATES

#### DOT LABEL SYMBOL AND HAZARD CLASSIFICATION



Corrosive

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

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

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

Chemical Name	Wt.%	CERCLA RQ
Phosphoric Acid	10 - 15%	5,000 lbs.

### 16. OTHER INFORMATION

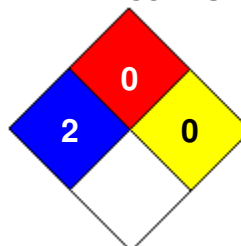
**PREPARED BY:** E. Spicer     **Date Revised:** 03/30/2015

**REVISION SUMMARY:** This MSDS replaces the 01/31/2011 MSDS. Revised: **Section 1:** GENERAL USE, PREPARED BY, PRODUCT CODE. **Section 2:** POTENTIAL HEALTH EFFECTS ( SKIN, INHALATION, INGESTION ). **Section 3:** Wt.%. **Section 5:** EXTINGUISHING MEDIA, GENERAL HAZARD. **Section 8:** PERSONAL PROTECTIVE EQUIPMENT - PROTECTIVE CLOTHING. **Section 9:** BOILING POINT, COEFF. OIL/WATER, EVAPORATION RATE, FLAMMABLE LIMITS, FLASHPOINT AND METHOD, FREEZING POINT, ODOR, VAPOR DENSITY, VAPOR PRESSURE, (VOC). **Section 10:** CONDITIONS TO AVOID. **Section 15:** ACUTE, CHRONIC, FIRE, PRESSURE GENERATING, REACTIVITY. **Section 16:** MANUFACTURER DISCLAIMER.

#### HMIS RATING

<b>HEALTH</b>	□	2
<b>FLAMMABILITY</b>	□	0
<b>PHYSICAL HAZARD</b>	□	0
<b>PERSONAL PROTECTION</b>	□	B

#### NFPA CODES



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