

# SAFETY DATA SHEET



Date Prepared : 12/13/2010  
 MSDS No : 0226  
 Date Revised : 06/23/2015  
 Revision No : 2

## Chain & Cable

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Chain & Cable  
**GENERAL USE:** Lubricant  
**PRODUCT CODE:** 0226

#### 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 Sensitization, Category 1B  
 Germ Cell Mutagenicity, Category 1B  
 Carcinogenicity, Category 1B  
 Target Organ Toxicity (Repeated exposure), Category 1

##### Physical:

Flammable Aerosols, Category 1

#### GHS LABEL



Flame



Exclamation  
mark



Health  
hazard

**SIGNAL WORD:** DANGER

#### HAZARD STATEMENTS

H222: Extremely flammable aerosol.  
 H317: May cause an allergic skin reaction.  
 H340: May cause genetic defects .  
 H350: May cause cancer .  
 H372: Causes damage to organs through prolonged or repeated exposure .

#### PRECAUTIONARY STATEMENT(S)

##### Prevention:

P202: Obtain special instructions before use.  
 P202: Do not handle until all safety precautions have been read and understood.  
 P210: Keep away from heat/sparks/open flames/hot surfaces. – No smoking.  
 P211: Do not spray on an open flame or other ignition source.  
 P251: Pressurized container: Do not pierce or burn, even after use.  
 P260: Do not breathe dust/fume/gas/mist/vapours/spray.  
 P270: Do no eat, drink or smoke when using this product.

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P272: Contaminated work clothing should not be allowed out of the workplace.  
 P280: Wear protective gloves/protective clothing/eye protection/face protection.

### Response:

P302+P352: IF ON SKIN: Wash with plenty of soap and water.  
 P308+P313: IF exposed or concerned: Get medical advice/attention.  
 P321: Specific treatment (see ... on this label).  
 P333+P313: If skin irritation or rash occurs: Get medical advice/attention.  
 P363: Wash contaminated clothing before reuse.

### Storage:

P405: Store locked up.  
 P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Propane	10 - 20	74-98-6
Stoddard Solvent	2.5 - 10	8052-41-3
Cocamide Dea	1 - 2.5	68603-42-9
Solvent Naphtha (petroleum), Medium Aliphatic	1 - 2.5	64742-88-7
Diethanolamine	0.1 - 1	111-42-2
Other ingredients below reportable levels	60 - 80	

## 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:** Fire exposed containers may rupture.  
**EXTINGUISHING MEDIA:** Carbon dioxide, water fog, foam or dry chemical. Do not use water jet as an extinguisher, as this will spread the fire.  
**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:** Remove all sources of ignition. Contain spill. Absorb liquid and place in sealed container for disposal.

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### 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Store as Level 3 Aerosol (NFPA 30B)

**STORAGE:** Keep away from sources of ignition. Do not store at temperatures above 120F.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### EXPOSURE GUIDELINES

#### OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)

		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		SupplierOEL	
Chemical Name		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Stoddard Solvent	<b>TWA</b>	500 ppm	2900 mg/m <sup>3</sup>	100 ppm	572 mg/m <sup>3</sup>	NL	NL
	<b>STEL</b>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	NL	NL
Diethanolamine	<b>TWA</b>	ppm <sup>[1]</sup>	mg/m <sup>3</sup> <sup>[1]</sup>	ppm	1 mg/m <sup>3</sup>	NL ppm	NL mg/m <sup>3</sup>
	<b>STEL</b>	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

#### 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:** Aerosol-Pressurized Liquid/Gas

**ODOR:** Solvent

**COLOR:** Black

**pH:** NA = Not Applicable

**FLASHPOINT AND METHOD:** -104.4°C (-156°F)

**FLAMMABLE LIMITS:** 2.2% to 9.5%

**VAPOR PRESSURE:** Not Determined

**VAPOR DENSITY:** Not Determined

**BOILING POINT:** Not Determined

**FREEZING POINT:** Not Determined

**SOLUBILITY IN WATER:** Negligible

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**EVAPORATION RATE:** Not Determined

**SPECIFIC GRAVITY:** 0.9

**Notes:** Concentrate Only.

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

### 10. STABILITY AND REACTIVITY

**HAZARDOUS POLYMERIZATION:** Will not occur.

**STABILITY:** Stable.

**CONDITIONS TO AVOID:** Temperatures above 120F, heat, flame and sources of ignition.

**POSSIBILITY OF HAZARDOUS REACTIONS:** None known.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of carbon.

**INCOMPATIBLE MATERIALS:** None known.

### 11. TOXICOLOGICAL INFORMATION

#### ACUTE

Chemical Name	ORAL LD <sub>50</sub> (rat)	DERMAL LD <sub>50</sub> (rabbit)	INHALATION LC <sub>50</sub> (rat)
Solvent Naphtha (petroleum), Medium Aliphatic	25000	> 4000	> 700

#### CARCINOGENICITY

Chemical Name	IARC Status
Diethanolamine	2B

**Notes:** None known.

### 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:** Aerosols, Ltd. Qty.

**PRIMARY HAZARD CLASS/DIVISION:** 2.1

**UN/NA NUMBER:** UN1950

### 15. REGULATORY INFORMATION

**UNITED STATES**

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

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

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

Chemical Name	Wt.%	CERCLA RQ
Diethanolamine	0.1 - 1	100 lbs.

## 16. OTHER INFORMATION

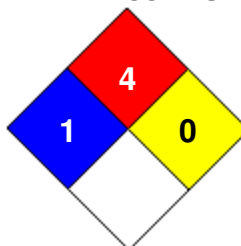
**PREPARED BY:** E. Spicer **Date Revised:** 06/23/2015

**REVISION SUMMARY:** This MSDS replaces the 02/09/2012 MSDS. Revised: **Section 1:** GENERAL USE, PREPARED BY. **Section 2:** POTENTIAL HEALTH EFFECTS ( SKIN, INHALATION, INGESTION ). **Section 3:** Wt.%. **Section 5:** EXTINGUISHING MEDIA, GENERAL HAZARD. **Section 6:** SMALL SPILL. **Section 9:** BOILING POINT, COEFF. OIL/WATER, EVAPORATION RATE, FLAMMABLE LIMITS, FLASHPOINT AND METHOD, FREEZING POINT, SPECIFIC GRAVITY, VAPOR DENSITY, VAPOR PRESSURE. **Section 10:** CONDITIONS TO AVOID, HAZARDOUS DECOMPOSITION PRODUCTS, POSSIBILITY OF HAZARDOUS REACTIONS. **Section 14:** DOT (DEPARTMENT OF TRANSPORTATION) ( PRIMARY HAZARD CLASS/DIVISION, UN/NA NUMBER ). **Section 15:** ACUTE, CHRONIC, FIRE, PRESSURE GENERATING, REACTIVITY. **Section 16:** MANUFACTURER DISCLAIMER.

### HMIS RATING

<b>HEALTH</b>	<input type="checkbox"/>	<b>1</b>
<b>FLAMMABILITY</b>		<b>4</b>
<b>PHYSICAL HAZARD</b>		<b>0</b>
<b>PERSONAL PROTECTION</b>		<b>B</b>

### NFPA CODES



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