

# SAFETY DATA SHEET



**Date Prepared :** 08/11/2010  
**MSDS No :** 1016  
**Date Revised :** 07/27/2015  
**Revision No :** 2

## Liquid Ice Melt

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Liquid Ice Melt  
**GENERAL USE:** Ice Melt  
**PRODUCT CODE:** 1016

#### 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:

Eye Irritation, Category 2A  
 Acute Toxicity (Oral), Category 4  
 Target Organ Toxicity (Repeated exposure), Category 2

##### Physical:

Flammable Liquids, Category 2

#### GHS LABEL



Flame



Health  
hazard



Exclamation  
mark

**SIGNAL WORD:** DANGER

#### HAZARD STATEMENTS

H225: Highly flammable liquid and vapour.  
 H319: Causes serious eye irritation.  
 H302: Harmful if swallowed.  
 H373: May cause damage to organs through prolonged or repeated exposure .

#### PRECAUTIONARY STATEMENT(S)

##### Prevention:

P210: Keep away from heat/sparks/open flames/hot surfaces. – No smoking.  
 P280: Wear protective gloves/protective clothing/eye protection/face protection.  
 P264: Wash hands thoroughly after handling.  
 P270: Do not eat, drink or smoke when using this product.  
 P260: Do not breathe dust/fume/gas/mist/vapours/spray.

##### Response:

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 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.  
 P337+P313: If eye irritation persists: Get medical advice/attention.  
 P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
 P330: Rinse mouth.  
 P314: Get medical advice/attention if you feel unwell.

### Storage:

P403+P235: Store in a well-ventilated place. Keep cool.

### Disposal:

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

**TARGET ORGAN STATEMENT:** Kidney.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS
Water	to 100%	7732-18-5
Urea	25 - 30%	57-13-6
Ethylene Glycol	15 - 20%	107-21-1
Isopropanol	5 - 10%	67-63-0

### 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:** Remove all sources of ignition. Contain spill. 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>
Ethylene Glycol	<b>TWA</b>	ppm <sup>[1]</sup>	mg/m <sup>3</sup> <sup>[1]</sup>	ppm	mg/m <sup>3</sup>	NL	NL
	<b>STEL</b>	ppm <sup>[2]</sup>	mg/m <sup>3</sup> <sup>[2]</sup>	ppm	mg/m <sup>3</sup>	NL	NL
Isopropanol	<b>TWA</b>	400 ppm	980 mg/m <sup>3</sup>	200 ppm	490 mg/m <sup>3</sup>	NL <sup>[1]</sup>	NL <sup>[1]</sup>
	<b>STEL</b>	ppm	mg/m <sup>3</sup>	400 ppm	960 mg/m <sup>3</sup>	NL	NL

**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:** None.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Alcohol

**COLOR:** Blue

**pH:** 10.0 to 10.5

**FLASHPOINT AND METHOD:** (90°F)

**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:** 1.11

**(VOC):** < 30.000 %

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

### 10. STABILITY AND REACTIVITY

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**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

#### CARCINOGENICITY

Chemical Name	IARC Status
Isopropanol	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:** Alcohols N.O.S.

**TECHNICAL NAME:** (Methanol)

**PRIMARY HAZARD CLASS/DIVISION:** 3

**UN/NA NUMBER:** UN1987

**PACKING GROUP:** PGII

### 15. REGULATORY INFORMATION

#### UNITED STATES

#### DOT LABEL SYMBOL AND HAZARD CLASSIFICATION



Flammable  
Liquid

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

**FIRE:** Yes

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### EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt. %	CAS
Ethylene Glycol	15 - 20%	107-21-1
Isopropanol	5 - 10%	67-63-0

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

Chemical Name	Wt. %	CERCLA RQ
Ethylene Glycol	15 - 20%	5,000

### 16. OTHER INFORMATION

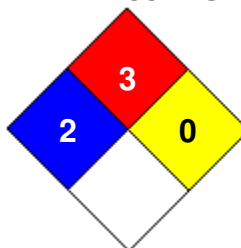
**PREPARED BY:** E. Spicer    **Date Revised:** 07/27/2015

**REVISION SUMMARY:** This MSDS replaces the 07/27/2015 MSDS.

#### HMIS RATING

<b>HEALTH</b>	2
<b>FLAMMABILITY</b>	3
<b>PHYSICAL HAZARD</b>	0
<b>PERSONAL PROTECTION</b>	B

#### NFPA CODES



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