

# Material Safety Data Sheet

Date entered: **10/30/07**Date Revised: **9/29/08****Algonquin Products**1165 Allgood Road  
Suite 13  
Marietta Ga. 30062 U.S.A.  
(770)-578-4240Emergency Numbers:  
Medical: **(866)-791-9595**  
Transportation: **(800)-424-9300****Section 1****PRODUCT IDENTIFICATION**

(1.) Product Name: **LIQUID ICE MELT**  
(2.) Product Number: **2-1047-55**  
(3.) Chemical name/synonyms: n/d  
EPA Reg. No.: \_\_\_\_\_  
EPA Est. No.: \_\_\_\_\_  
(4.) Chemical family: Glycol (5.) Chemical formula: Proprietary  
(6.) NFPA & HMIS acute hazard rating: Health: **2** Flammability: **1** Reactivity: **1** (7.) Preparer Name: Bill Lyon Phone: (866)-791-9595  
(8.) Personal Protective Equipment: Safety glasses, gloves, synthetic apron

**Section 2****CHEMICAL COMPOSITION****Note: list all CERCLA hazardous substances at 1% or greater and carcinogens at 0.1% or greater.**

(1.) Ingredient:	(2.) SARA Note 313:	(3.) CAS Number:	(4.) % range:	(5.) PEL:	(6.) LD50:	(7.) TLV:
Ethylene Glycol	Yes	000107211	94-97	50 ppm air	n/d	n/d
Triethanolamine	No	102-71-6	1-6	n/d	n/d	n/d

**Note**

Balance: Non hazardous

**Section 3****PHYSIOLOGICAL EFFECTS**

(1.) Primary routes(s) of entry into body: (2.) Eyes: \_\_\_\_ (3.) Skin: X (4.) Inhalation: \_\_\_\_ (5.) Ingestion: \_\_\_\_  
(6.) Acute effects:  
(7.) Eyes: tissue irritation, some swelling, blurred vision  
(8.) Skin: tissue irritation, redness, defatting  
(9.) Inhalation: tissue irritation, shortness of breath, black out  
(10.) Ingestion: tissue irritation, some swelling of abdomen, nausea, vomiting  
(11.) Chronic effects: not known

**Section 4****EMERGENCY AND FIRST AID PROCEDURES**

(1.) Eyes: rinse for 15 minutes with potable water while seeking immediate medical attention.  
(2.) Skin: rinse for 15 minutes with potable water, if irritation persists, seek medical attention.  
(3.) Inhalation: remove victim to fresh air, while seeking immediate medical attention.  
(4.) Ingestion: give large amounts of potable water while seeking immediate medical attention.  
(5.) Special instructions to physician: none

**Section 5****FIRE AND EXPLOSION HAZARD DATA**

(1.) Flash point: 232 °F (2.) Method: TCC (3.) Flammable limits in air: \_\_\_\_\_ n/d \_\_\_\_\_ (4.) Autoignition temperature: \_\_\_\_\_ n/d \_\_\_\_\_ °C  
(5.) Suitable extinguishing media: water, foam or CO2 (6.) Hazardous combustion byproducts: carbon monoxide  
(7.) Rec. fire fighting procedures: normal procedures (8.) Unusual fire explosion hazards: none

**Section 6****ENVIRONMENTAL INFORMATION**

(1.) Spill or leak procedures:  
(2.) Small spill leak: stop leak. mop or vacuum to disposal container or rinse to sanitary sewer.  
(3.) Large spill leak: stop leak. mop or vacuum to disposal container or rinse to sanitary sewer.  
(4.) Spill reportable quantity: none  
(5.) Waste disposal method: follow local, state and federal guidelines.  
(6.) EPA appropriate waste classification: none  
(7.) RCRA appropriate characteristic waste: none (8.) if so EPA hazardous waste number: n/a  
(9.) RCRA appropriate listed waste: n/a (10.) if so EPA hazardous waste number: n/a  
(11.) non RCRA regulated waste: no  
(12.) Procedure for handling empty containers: do not reuse. give container to licensed drum reconditioner.  
(13.) Environmental toxicity data: **BIODEGRADABLE**  
(14.) Other regulatory controls: none

(15.) Is material classified under the CLEAN WATER ACT (USA) or appropriate water regulations as a:

(16.) Toxic pollutant (section 307): No(17.) Hazardous substance (section 311)? No

(18.) if yes, reportable quantity (R.Q.): \_\_\_\_\_

(18.) Oil section 311? No

(19.) Is material classified under the CLEAN AIR ACT (USA) or appropriate CLEAN AIR regulations as a:

(20.) Hazardous air pollutant section (12)? No(21.) Comments: **none**

## Section 7 STORAGE AND HANDLING PRECAUTIONS

(1.) Storage: store at temperatures below 120 F and above 32 F(2.) Handling: use chemical resistant gloves and eye protection when handling concentrate

(3.) Precautionary labeling: \_\_\_\_\_

## Section 8 OCCUPATIONAL CONTROL PROCEDURES

(1.) Ventilation: (2.) local exhaust \_\_\_\_\_ (3.) general exhaust \_\_\_\_\_ (4.) none required X

(5.) Personal protective equipment:

(6.) Respirator type: none required(7.) Gloves: (8.) Natural rubber: \_\_\_\_\_ (9.) plastic: \_\_\_\_\_ (10.) nitrile: \_\_\_\_\_ (11.) neoprene: X (12.) butyl: \_\_\_\_\_ (13.) other: \_\_\_\_\_(14.) Eye protection: (15.) glasses with side shield: X (16.) full face shield: \_\_\_\_\_ (17.) chemical splash goggles: \_\_\_\_\_ (18.) other: \_\_\_\_\_

## Section 9 PHYSICAL DATA

(1.) Appearance: clear pink (2.) Odor: None (3.) Physical state: Liquid(4.) Boiling Point: 212 (5.) Freeze Point: 32 (6.) Specific Gravity: 1.10 (7.) pH Neat: 7 (8.) pH 1%: 7 (9.) % Solids: 100.0%(10.) % Volatiles: 0.0% (11.) Solubility Water: Complete (12.) Vapor pressure: n/d (13.) Vapor density: n/d(14.) Evaporation rate: <1 (15.) VOC Less Exempt (theoretical): 0.00 lbs./gal (16.) VOC As Packaged (theoretical): 0.00 lbs./gal.

## Section 10 REACTIVITY DATA

(1.) Thermal stability: Stable(2.) Condition to avoid: extreme temperatures(3.) Hazardous decomposition products: none(4.) Hazardous polymerization: may occur: \_\_\_\_\_ will not occur: X(6.) Materials to avoid: strong oxidizers, alkalies(7.) Corrosive action on materials: none

## Section 11 TOXICOLOGICAL INFORMATION

(1.) Summary of health effects:

None expected

## Section 12 SHIPPING REQUIREMENTS

(1.) Indicate country/regulatory agency which specifies requirements: U.S.A.-DOT

(2.) Proper Shipping name:

Compound, Cleaning, Liquid, N.O.I.B.N., Item Name: Liquid Ice Melt, Item Number: 2-1047-55, NMFC#:48580-03, Container:Drum(3.) Hazardous class: n/a (4.) Identification number: n/a (5.) Packaging group: n/a (6.) Emergency response guide number: n/a(7.) Labels required: None(8.) Other requirements: none(9.) Note: noneProduct Name: **LIQUID ICE MELT**Product Number: 2-1047-55

n/d = not determined; n/a = not applicable