

**Chemplex Industries, Inc.
 2820 SW 42nd Avenue
 Palm City, FL 34990 USA**

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MATERIAL SAFETY DATA SHEET

**Important Safety Information - Do Not Discard.
 Please Route to Company Safety Officer**

PRODUCT:	LIQUID-BINDER
MSDS-CAT NO:	800
DATED:	June 14, 2013

Note: The information contained herein supersedes all other MSDS forms distributed prior to the aforementioned date. Please check your records. If name and/or address have changed or if prior dated forms are on file contact Chemplex Industries, Inc. for additional copies of this and/or other applicable Material Safety Data Sheets.

SECTION I. MATERIAL IDENTIFICATION

Chemplex Product Name:	LIQUID-BINDER
Chemical Synonym(s):	Dichloromethane; 0.1% 1-Ethenyl-Homopolymer
Size:	Pint
Chemplex Catalog Number:	800
Formulating, Processing and/or Packaging Firm:	Chemplex Industries, Inc. 2820 SW 42 nd Avenue Palm City, FL 34990

SECTION II. HAZARDOUS COMPONENT(S)

Principal Hazardous Component(s):	Dichloromethane; Oral Rats (Young Children) LD-50 Toxicity=1.6 ml/kg.
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SECTION III. PHYSICAL DATA

Appearance and Odor:	Clear to slight yellow liquid; odor similar to chloroform.
Melting Point:	N/A
Boiling Point:	39.8°C
Vapor Pressure (mm Hg):	380 mm at 22°C.
Evaporation Rate:	N/A
Vapor Density (Air=1)	2.93
Volatile Fraction:	99 - 100
Specific Gravity (H ₂ O=1)	1.34 gm/cc
Solubility in Water:	2 gm/100 ml at 20°C

SECTION IV. FIRE AND EXPLOSION HAZARD INFORMATION

Flash Point (Method Used):	None
Extinguishing Media:	Water Spray to keep fire-exposed containers cool.
Fire Fighting Procedures:	Keep away from exposures; wear self-contained breathing apparatus during fire.
Unusual Fire and Explosion Hazards:	None under ordinary conditions, but will form explosive mixtures in atmospheres having high oxygen content. See section V.

SECTION V. REACTIVITY INFORMATION

Stability:	Stable: <input checked="" type="checkbox"/> ; Unstable: <input type="checkbox"/> .
Conditions to avoid, if any:	Contact with hot surfaces and open flame.
Incompatibility:	Strong oxidizers, caustics, chemically active metals.
Hazardous Decomposition Product(s), if any:	Emits highly toxic fumes of phosgene when heated to decomposition.
Hazardous Polymerization:	Will Not Occur: <input checked="" type="checkbox"/> ; Will Occur: <input type="checkbox"/> .
Conditions to avoid, if any:	N/A

SECTION VI. TRANSPORTATION AND STORAGE INFORMATION

Precautions to be Taken in Handling and Storage:	Store in a tightly closed container in a dry and cool place (preferably in a chemical closet) protected against accidental spill. Keep from heat, flame and ignition sources.
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SECTION VII. HEALTH HAZARD INFORMATION

Effects of Overexposure, if any:	Induces Narcosis.
Primary Routes of Exposure/Entry, if any:	Inhalation.
Signs and Symptoms of Exposure:	Can cause dermatitis upon prolonged skin contact. Can cause headache, dizziness, nausea and irritation to eyes and respiratory passages.

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SECTION VIII. EMERGENCY AND FIRST AID PROCEDURES

Eyes:	Flush with plenty of water for at least 15 minutes. If irritation occurs and persists, obtain medical attention.
Skin:	Rinse with soap and water; if irritation occurs and persists, obtain medical attention.
Inhalation:	Remove to fresh air. If discomfort occurs and persists, obtain medical attention.
Ingestion:	Drink plenty of water and induce vomiting. Obtain medical attention.

SECTION IX. SPILL, LEAK AND DISPOSAL PROCEDURES

In case of Spill or Leak:	Absorb on vermiculite, dry sand or earth; ventilate area.
Waste Disposal Method:	Dispose of waste material in accordance with Federal, State, Local and EPA Regulations.

SECTION X. PRECAUTIONARY PROTECTION INFORMATION

Use Local Exhaust.
Avoid Inhalation.
Wear Safety Splash Goggles.
Protect Hands with Viton Gloves.
Do not allow to come in contact with hot surfaces or open flames.

*** IMPORTANT INFORMATION ***

The data contained herein is furnished for informational purposes only. Chemplex Industries, Inc. is engaged in the formulating, processing and packaging of various types of different chemicals and/or product components which are primarily secured from and produced by other organizations. As a convenience to our customers, however, various MSDS information and data from the respective manufacturing firms have been assembled and consolidated in individual Material Safety Data Sheets. Chemplex Industries, Inc. disclaims all liability whatsoever for their content. Individual product component Material Safety Data Sheets from the various suppliers are available upon specific request. Users should therefore consider the data contained herein only as a supplement to other information gathered by them and, inclusive of actual supplier's Material Safety Data Sheets, must make independent determinations of the suitability, manner of product use and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of individuals. Chemplex Industries, Inc. disclaims any liability for damage or injury which results from the use and applications of this product and in consideration of the aforementioned data and information. Nothing contained therein shall constitute a guarantee, warranty (including warranty or merchantability) or representation (including freedom from patent liability) by Chemplex Industries, Inc. with respect to the data and/or information, the product(s) described, or their use for any specific purpose, even if the use and applications are known to Chemplex Industries, Inc.

LEGEND: N/A = Not Applicable
UN = Unknown

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