

**MATERIAL SAFETY DATA SHEET
VINYL SOFTENER/CLEANER**

SECTION I PRODUCT IDENTIFICATION

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Manufacturer: Leather Magic Inc
1396 Walkup Ave.
Monroe, NC 28110
800-232-4092

Product Code: LM-2015

SECTION II HAZARDOUS INGREDIENTS

<u>Ingredients</u>	<u>CAS#</u>	<u>Weight %</u>	<u>Exposure Limits</u>	<u>VP</u>
		ACGIH/TLV	OSHA/PEL	mm Hg
Trichlorethylene	79-01-6	35 PPM	100 PPM	73 mm Hg@25° C
Octylphenoxypolyethoxyethanol	9036-19-5	1 - 5	5 ppm	
Ethylene glycol monobutyl	111-76-2	<.01		
Sodium Salts	68585-47-7	2 PPM	-	
Alcohols	67762-41-8	0 - 2	-	

SECTION III PHYSICAL DATA

Boiling Range: 188°F - 212° F

Vapor Density: Heavier than air

Evaporation Rate: Slower than ether

Volatiles by wt. %: < 40 %

Appearance: Milky liquid

Liquid Density: comparable to water **Weight/**

Gallon: 8.3 Pounds

Specific Gravity: 1.00

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flammability Class: None determined **Flash point:** None determined **LEL:** None Determined

-Extinguishing Media: Fight source of fire. Water, spray, carbon dioxide, chemical foam

-Special Firefighting Procedures: None are expected to be required. If this material is involved in a fire.

NIOSH approved self contained breathing apparatus should be worn. Storage containers exposed to fire should be kept cool in order to prevent pressure build-up.

-Unusual Fire & Explosion Hazards: Concentrated vapors can be ignited by high intensity ignition source. Thermal decomposition generates toxic and irritating vapors

SECTION V HEALTH HAZARD DATA

-Permissible Exposure Level: 50 ppm TWA-8 hour (ACGIH)

-Effects Of Overexposure:

Primary Routes of Entry: (X) Skin Contact, (X) Eye Contact, (X) inhalation, (X) Ingestion

Signs and Symptoms of Exposure:

Inhalation: Major route of potential exposure. Depresses the central nervous system. Symptoms of overexposure include headache, nausea, vomiting, dizziness, vertigo, fatigue, lightheadedness and coughing.

Skin: Absorption of liquid through intact skin is a possible but unlikely route of significant exposure. Prolonged or repeated contact may cause irritation, defatting of skin and dermatitis,

Eyes: Liquid may cause pain and slight temporary injury to eyes. Vapors can irritate eyes.

Ingestion: Unlikely route of exposure. Single dose toxicity low to moderate. If vomiting occurs, Trichlorethylene can be aspirated into lungs which can cause chemical pneumonia and systemic effects.

Medical Conditions Aggravated by Exposure: Acute and chronic liver and kidney disease, rhythm disorders of the heart, neuritis and other nervous system disorders.

Carcinogeniity: The International Agency for Research on Cancer (IARC) has concluded that there is sufficient evidence for the carcinogenicity of Trichlorethylene to experimental animals and limited evidence for the carcinogenicity of Trichlorethylene to humans, resulting in a classification in Group 2A as a substance probably carcinogenic to humans. The ACGIH has classified Trichloroethylene in category A5 as an agent not suspected as a human carcinogen. Trichloroethylene is listed on the IARC carcinogen list, but not by OSHA or NTP.

Emergency Procedures: Remove contaminated clothing and wash contaminated ares with plenty of water.

-FIRST AID: inhalation: If vapors are bothersome, remove to fresh air.

Skin Contact: Avoid prolonged contact. Wash with large amounts of water. If irritation persists, see physician.

Eye Contact: Flush with large amounts of water until all material is removed. If irritation persists, get medical attention Immediately.

Ingestion: Consult physician.

NOTE TO PHYSICIAN: Adrenaline should never be given to persons overexposed to Trichloroethylene.

SECTION VI REACTIVITY DATA

STABILITY: () Unstable, (X) Stable

HAZARDOUS POLYMERIZATION: () May occur, (X) Will not occur

INCOMPATIBILITY: strong oxidizers, acids

CONDITIONS TO AVOID: Excessive heat and freezing temperatures

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide, carbon Dioxide, and unidentified organic Compounds.

SECTION VII SPILL OR LEAK PROCEDURES

-STEPS TO BE TAKEN IN CASE MATERIAL RELEASED OR SPILLED: Confine as much as possible. Dike and absorb with inert material such as vermiculite. Transfer to containers for disposal.

-WASTE DISPOSAL METHOD: Dispose of waste in accordance with all Federal, State, and Local ordinances.

SECTION VIII SPECIAL PROTECTION INFORMATION

.RESPIRATORY PROTECTION: None required if adequate ventilation is provided.

-VENTILATION: Adequate to keep exposure limits below those listed in SECTION II

-PROTECTIVE GLOVES: Impervious rubber gloves

-EYE PROTECTION: Chemical splash goggles (ANSI Z 87.1 or approved equivalent.)

-OTHER PROTECTIVE EQUIPMENT: wear protective clothing to prevent contact with product.

SECTION IX SPECIAL PRECAUTIONS

-PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Wear gloves and protective clothing to prevent contact with product. Store product at temperatures between 49 C/120- F and 2 C/36-F. Do not store container in direct sunlight.

-SHIPPING INFORMATION:

DOT SHIPPING NAME: NA

DOT HAZARD CLASS: NA

DOT LABELS REQUIRED:NA

FREIGHT DESCRIPTION: NA

Empty containers should be reconditioned by certified firms(drums, pails). Sale of empty containers should be in accordance with all applicable laws and regulations.

-OTHER PRECAUTIONS: Neither this data sheet or any statement contained herein grants or extends any license, expressly implied in connection with patents issued or pending which may be the property of the manufacturer or others. The information in this data sheet has been assembled by the manufacturer based on its own studies and the work of others. The manufacturer makes no warranties, express or implied, as to the accuracy, completeness, or adequacy of the information contained herein. The manufacturer shall not be liable (regardless of fault) to the vendee, the vendee's employees, or anyone for any direct special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy, or furnishing of such information.

EFFECTIVE JANUARY 1,1989: Anyone selling or distributing a mixture or trade name product containing a toxic chemical (ie., a chemical or member of chemical category in 40 CFR Part 372) must provide written notice to the recipient with the first shipment in each calendar year. This is pursuant to these legal requirements. Please note that if you are repackage or otherwise redistribute this product, a notice including the SARA 310 information should be sent to the recipients. If you are unsure of what you must report or require more information, call the EP A Emergency Planning and Community Right To Know Hotline: (800) 535-0202 or (202) 479-2449.

MSDS's are an important part of employee hazard communication information and training programs required of employers under the OSHA hazard communication Standard (29 CFR 1910.1200).