



## MATERIAL SAFETY DATA SHEET

<b>Hazard Ratings</b>		<b>Health</b>	<b>2</b>
<b>4-Extreme</b>	<b>1-Slight</b>	<b>Fire</b>	<b>3</b>
<b>3-High</b>	<b>0-Insignificant</b>	<b>Reactivity</b>	<b>0</b>
<b>2-Moderate</b>	<b>X-See Text</b>	<b>Specific</b>	<b>X</b>

### Manufacturer Information:

L & C Enterprises, L. M. A.

2357 Hwy. 53

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### SECTION 1: IDENTIFICATION

PRODUCT NAME: **TREE SAP REMOVER** **CAF440**

### SECTION 2: HAZARDOUS INGREDIENTS

NAMES OF HAZARDOUS INGREDIENTS: See CFR29 1910.1200 (i)-(13)

CHEMICAL/COMMON NAME	CAS#	PERCENTAGE	PEL-OSHA	TLV-ACGIH
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Mineral Spirits	8052-41-3	>1	100PPM	100PPM
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**THIS PRODUCT HAS NO CARCINOGENS (NTP, IARC, OSHA):**

### SECTION 3: HEALTH HAZARD DATA

HEALTH EFFECTS (Acute and Chronic):

ACUTE

- a) Eyes---Can cause severe irritation, redness, tearing, blurred vision
- b) Skin---Prolonged or repeated contact can cause moderate irritation, defatting, dermatitis.
- c) Inhalation---Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness and even asphyxiation.
- d) Ingestion---Can cause gastro-intestinal irritation, nausea, vomiting and diarrhea.

CHRONIC

- a) Inhalation may cause susceptibility to respiratory illness..

PRIMARY ROUTES OF ENTRY: a) Skin b) Inhalation

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Pre-existing skin, eye and respiratory disorders may be aggravated by exposure to product.

EMERGENCY FIRST AID PROCEDURES: a) Skin--Immediately flush skin with lots of running water for at least 30 minutes. Remove contaminated clothing and shoes. Wash before reuse.

b) Eyes--Flush immediately with large quantities of running water for at least 15 minutes. Consult physician.

c) Inhalation--If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm, quiet and get medical attention.

d) Ingestion--Do not induce vomiting. Call physician immediately. If conscious give lots of water or milk. Do not give anything by mouth to an unconscious or convulsing person.

### SECTION 4: CHEMICAL DATA

BOILING POINT (F).....:	>300
SPECIFIC GRAVITY (WATER-1).....:	>0.780
VAPOR PRESSURE (mmHg):	2
PERCENT VOLATILE BY VOLUME (%):	>90.00
VAPOR DENSITY (AIR=1)....:	None
EVAPORATION RATE (WATER=1).....:	24
SOLUBILITY IN WATER:	Insoluble in water.
APPEARANCE AND ODOR INFORMATION:	Colorless liquid with petroleum odor.

## **SECTION 5: PHYSICAL HAZARD DATA**

FLASH POINT (Method Used): 108 degrees F T.C. C FLAMMABLE LIMITS: LEL-1% UEL-  
EXTINGUISHING MEDIA: Regular foam, water fog, carbon dioxide or dry chemicals SPECIAL FIRE FIGHTING  
PROCEDURES: Clear fire area of unprotected personal. Do not enter confined fire area without full bunker gear, including a  
positive pressure mode breathing apparatus. Cool fire exposed containers with water fog.

UNUSUAL FIRE AND EXPLOSION HAZARDS: See additional Comments SECTION.

INCOMPATIBILITY (Material to avoid): Avoid contact with acids and strong oxidizers such as permanganate, chlorine,  
etc.

HAZARDOUS DECOMPOSITION PRODUCTS: Burning may produce oxides of carbon and traces of hydrocarbons.

HAZARDOUS POLYMERIZATION WILL NOT OCCUR. THIS PRODUCT IS STABLE.

## **SECTION 6: SPILL OR LEAK PROCEDURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Eliminate all ignition sources. Absorb on  
suitable absorbent and shovel into containers.

WASTE DISPOSAL METHODS: Contaminated absorbent may be disposed of according to local, state and federal  
regulations for products containing petroleum distillates.

## **SECTION 7: EXPOSURE CONTROL INFORMATION**

VENTILATION:

LOCAL EXHAUST: Below TLV(s)

MECHANICAL (General): Explosion Proof

SPECIAL.....: N/A

OTHER.....: N/A

RESPIRATORY PROTECTION: An appropriate NIOSH approved hydrocarbon canister or respirator for organic Vapor  
should be worn if needed. PROTECTIVE GLOVES: Wear--resistant gloves such as nitrile rubber, PVC, etc.

OTHER PROTECTIVE EQUIPMENT: N/A

OTHER ENGINEERING CONTROLS: Eye wash and quick drench facilities.

WORK PRACTICES: Eye wash fountain and safety shower should be easily accessible. Discard properly such items as rags  
and trash soaked with the product. Provide adequate ventilation. HYGIENIC PRACTICES: Avoid contact with eyes, skin  
and clothing. Avoid inhalation of product vapors. Wash thoroughly after handling and before eating, drinking or smoking.  
Remove contaminated clothing promptly and wash thoroughly before reuse.

## **SECTION 8: SPECIAL PRECAUTION**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

- a) FLAMMABLE Keep away from heat, sparks and open flames.
- b) Protect from physical damage and keep tightly closed.
- c) Do not store under freezing conditions or above 120 degrees F.
- d) Do not store near acids or acidic materials and oxidizers.

MAINTENANCE PRECAUTIONS: When working with FLAMMABLE material electrically ground all equipment and use  
only non-sparking tools.

OTHER PRECAUTIONS: Containers, even those that have been emptied will retain product residue and vapors. Always  
obey hazard warnings.

OTHER ADDITIONAL COMMENTS: Unusual Fire---Vapors are heavier than air and may travel along the ground or be  
moved by ventilation and ignited by heat, pilot lights or other flames and ignition sources at a location distant from the  
material handling point. Never use a welding or cutting torch on or near container (even an empty one) because product  
(even just residue) can ignite explosively. All 5 gallon pails and larger metal containers should be grounded when material is  
being transferred.

SHIPPING INFO, UN/NA #'s, Secondary container label INFO NECESSARY OR SUGGESTED: COMBUSTIBLE  
LIQUID NA 1993 PG III, NO LABELS SPECIFIED IN CFR'S

**KEEP OUT OF THE REACH OF CHILDREN**

