

MATERIAL SAFETY DATA SHEET
Prepared According to 29 CFR 1910.1200

DATE REVISED: June, 2002
DATE REVIEWED: September, 2010

PAGE 1
MSDS: 218

SECTION I - IDENTIFICATION

L&M CONSTRUCTION CHEMICALS, INC.
14851 CALHOUN ROAD
OMAHA, NE 68152

ASSISTANCE (CHEMTREC) 800-424-9300
EMERGENCY PHONE NO. 402-453-6600

PRODUCT
NAME: **CITREX**

ID NO: UN 2319
CLASS: COMBUSTIBLE LIQUID, PKG III

CHEMICAL
NAME: Citrus terpene

DOT SHIPPING
NAME: Terpene hydrocarbons, n.o.s

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

INGREDIENTS	OSHA PEL	ACGIH TLV	CAS	% wt
#1: Citrus terpene	Not listed	Not listed	5989-27-5	>75
#2: Nonylphenol Ethoxylate	Not listed	Not listed	127087-87-0	< 5

Ingredients are not hazardous per OSHA standard 29 CFR 1910.1200 and are considered to be trade secrets of L&M Construction Chemicals, Inc.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: (F): 340 initial
VAPOR PRESSURE (mm Hg): 1 mm Hg @ 68°F
VAPOR DENSITY (AIR = 1): >1
SOLUBILITY IN WATER: Emulsifies
APPEARANCE: Thin colorless liquid
ODOR: Pleasant orange

SPECIFIC GRAVITY (H₂O = 1): 0.85
PERCENT VOLATILE BY VOLUME: 90+
MELTING POINT: N/Ap
BULK DENSITY: N/Ap
PH INFORMATION: N/Ap
EVAPORATION RATE: <1

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

HAZARDS FIRES: Moderate
FLASH POINT, °F, (TCC): 115
FLAMMABLE LIMITS - LEL: 1.0 UEL: 6.0
EXTINGUISHING MEDIA: Dry powder, carbon dioxide, halon, alcohol-proof foam.
SPECIAL FIRE FIGHTING PROCEDURES: Do not use water. Handle as an oil fire. Class B fire procedures.

SECTION V - REACTIVITY DATA

STABILITY: unstable stable: X

INCOMPATIBILITY: (materials to avoid): Strong oxidizers

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Carbon monoxide possible if burned

HAZARDOUS POLYMERIZATION: may occur: will not occur: X

CONDITIONS TO AVOID: Excessive heat

-
SECTION VI HEALTH HAZARD DUTY

CITREX

POTENTIAL EFFECTS OF EXPOSURE (listed by primary routes of entry)

INHALATION: May be irritating to mucous membranes of the nose, throat, and lungs. Can cause headache, dizziness, coughing, and choking.

SKIN: Defatting to skin on repeated contact.

INGESTION: May cause irritation to the gastrointestinal system, mouth, throat, and esophagus. Vomiting and diarrhea expected with large doses.

EYE CONTACT: Eye irritant. May cause redness and swelling to the conjunctiva.

EMERGENCY & FIRST AID PROCEDURES:

INHALATION: Get to fresh air. Seek medical attention if irritation persists.

INGESTION: Seek medical attention

EYE CONTACT: Flush with large quantities of water. Seek medical attention if irritation persists.

CARCINOGENICITY OSHA: No NTP: No IARC: No

HMIS RATING: HEALTH – 1, FLAMMABILITY – 2, REACTIVITY – 0, PROTECTION -- G

-
SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Mop up or otherwise absorb and hold for disposal.

WASTE DISPOSAL METHOD: Any method in accordance with applicable laws.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep out of reach of children. For use by trained personnel only. Keep container closed during storage. For institutional and industrial use only.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION (specify type): Use with adequate ventilation

VENTILATION:

LOCAL EXHAUST: Recommended

PROTECTIVE GLOVES: Solvent proof

EYE PROTECTION: Safety glasses

END OF MSDS