

Product Code: LA2408
 Product Name: MAHOGANY TONER

GEMINI INDUSTRIES, INC., 2300 HOLLOWAY DRIVE, EL RENO, OK 73036
24-Hour Emergency (Spill, Leak, Exposure or Accident): INFOTRAC 800-535-5053 Outside USA, Call Collect 1-352-323-3500
24-Hour Emergency HAZMAT Response and MSDS help: EMI 800-510-8510

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

(SEE TOP OF PAGE)

2. COMPOSITION/INFORMATION ON INGREDIENTS

| COMPONENT/EXPOSURE LIMITS | CAS# |
|--|----------|
| NITROCELLULOSE | MIXTURE |
| AQUEOUS ISOPROPANOL: OSHA PEL 400 ppm | |
| TOLUENE | 108-88-3 |
| OSHA PEL: 200ppm | |
| ACGIH TLV 50ppm | |
| PROPANE | 74-98-6 |
| ACETONE | 67-64-1 |
| OSHA VPEL 750 ppm TWA | |
| OSHA VPEL 1000 ppm STEL | |
| ACGIH TLV 500ppm TWA | |
| ACGIH TLV 750 ppm STEL | |
| ETHANOL | 64-17-5 |
| OSHA: 1000 PPM PEL-TWA | |
| NIOSH: 1000 PPM PEL-TWA | |
| N. BUTANE | 106-97-8 |
| ISOBUTYL ACETATE | 110-19-0 |
| OSHA: PEL 150ppm-TWA | |
| ACGIH TLV 150ppm-TWA | |
| ISOPROPANOL | 67-63-0 |
| 400ppm TWA8 ACGIH, 983 mg/m3 TWA8 ACGIH | |
| 980mg/m3 TWA8 OSHA, 500ppM STEL OSHA | |
| n-BUTYL ACETATE | 123-86-4 |
| BUTYL ACETATE ACGIH 150ppm TWA, 200ppm STEL | |
| BUTYL ACETATE OSHA 150ppM TWA, 200ppM STEL | |
| BUTANOL | 71-36-3 |
| OSHA PEL: 100ppm TWA | |
| ACGIH TLV 50ppm | |
| 2-BUTOXYETHANOL | 111-76-2 |
| OSHA PEL 50 PPM TWA | |
| OSHA VPEL 25 PPM TWA | |
| ACGIH TLV 20 PPM TWA | |
| DIBUTYL ESTER | 84-74-2 |
| DIBUTYL PHTHALATE: OSHA PEL 5.00mg/m3, ACGIH TLV 5.00mg/m3 | |
| DIMETHYL PHTHALATE | 131-11-3 |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 |

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XYLENE 1330-20-7
OSHA: 100 PPM PEL-TWA
NIOSH: 100 PPM PEL-TWA

ETHYLBENZENE 100-41-4

3. HAZARDS IDENTIFICATION

Flammable liquid under pressure
Vapor causes eye burns and skin irritation

POTENTIAL HEALTH EFFECTS

SKIN:

Widespread contact with skin for several hours can cause harmful amounts of material to be absorbed.

INGESTION:

Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness and even asphyxiation.

INHALATION:

High vapor concentrations or prolonged breathing of lower concentrations may result in damage to the liver, kidneys, lungs and blood forming organs.

4. FIRST AID MEASURES

EYES:

Flush with luke warm water for a minimum of 15 minutes. Seek medical attention immediately.

SKIN:

Remove contaminated clothing, wash area immediately with soap and water. See physician if irritation persists.

INGESTION:

Rinse mouth immediately. Drink 1 or 2 glasses of water to dilute. Do NOT induce vomiting. Contact physician or poison control center immediately.

INHALATION:

Remove exposed individual to fresh air and assist breathing if necessary. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASSIFICATION:

LOWEST FLASH POINT: 0F

METHOD: TCC

FLAMMABLE LIMITS:

LOWER FLAMMABLE LIMIT: .5

UPPER FLAMMABLE LIMIT: 12.8

EXTINGUISHING MEDIA: Alcohol Foam, CO2, Dry Chemical

UNUSUAL FIRE AND EXPLOSION HAZARDS

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Burning may produce oxides of nitrogen and carbon. Do not puncture or incinerate container. Exposure to heat or prolonged exposure to sun may cause container to burst. Do not expose to heat or store at temperatures above 120 degrees F. Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, sparks, heaters, smoking, electrical motors or static discharge distant from handling point.

FIREFIGHTING INSTRUCTIONS:

6. ACCIDENTAL RELEASE MEASURES

Stay upwind and away from spill or leak unless wearing appropriate protective equipment. Stop and/or contain discharge if it may be done safely. Keep all sources of ignition away. Ventilate area of spill. Use non-sparking tools for clean up. Cover with inert material to reduce fumes. Keep out of drains, sewer or waterways. If large spill occurs, alert spill response teams. Contact fire authorities. Notify local health and pollution control agencies.

7. HANDLING AND STORAGE

HANDLING:

Personnel should avoid inhalation of vapors. Personal contact with the product should be avoided. Should contact be made, remove saturated clothing and flush affected skin areas with water. Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid and/or solid), all hazard precautions given in this sheet must be observed.

STORAGE:

Keep product containers cool, dry and away from sources of ignition. Use and store this product with adequate ventilation. DO NOT SMOKE in or near storage areas

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION:

PRIMARY ROUTES OF ENTRY: inhalation, skin contact, eyes, ingestion.

Use local exhaust as required to control vapor concentrations. Avoid prolonged or repeated breathing of vapors. If exposure exceeds TLV, use NIOSH-approved respirator to prevent overexposure.

SKIN PROTECTION:

Required for prolonged or repeated contact. Wear resistant gloves such as natural rubber, neoprene, buna N or nitrile. An apron should be worn to avoid skin contact.

EYE PROTECTION:

Wear splashproof goggles and face shield if there is a likelihood of contact with eyes.

HYGIENIC PRACTICES:

Wash hands thoroughly before eating or using restroom. Remove contaminated clothing immediately and do not wear again until it has been properly laundered.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 133F

MELTING POINT: N/A

VAPOR PRESSURE: N/A

VAPOR DENSITY: Heavier Than Air

SOLUBILITY IN WATER: N/A

SPECIFIC GRAVITY: .74

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COATING VOC LB/GL: 6.1409 lb/gl
COATING VOC GM/LTR: 736 g/l
MATERIAL VOC LB/GL: 6.1405 lb/gl
MATERIAL VOC GM/LTR: 736 g/l
% VOLATILE BY VOLUME: 99.812%
EVAPORATION RATE: Faster than Butyl Acetate.
WEIGHT PER GALLON: 6.161 lb/gl
PH: N/A
ODOR: N/A
APPEARANCE: Sprayed Liquid

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY:

Stable Conditions to Avoid: high heat, sparks, flames

INCOMPATIBILITY

Materials to Avoid: Strong oxidizing agents, strong alkalines, strong mineral acids.

HAZARDOUS DECOMPOSITION PRODUCTS:

Oxidation may produce carbon and nitrogen oxides.

HAZARDOUS POLYMERIZATION:

Will not occur.

11. TOXICOLOGICAL INFORMATION

CANCER INFORMATION:

This product contains no reported carcinogens or suspected carcinogens. This product contains no reportable hazardous ingredients. This Material Safety Data Sheet contains information on good industrial practice for safe handling of all industrial chemicals.

TERATOLOGY (BIRTH DEFECT) INFORMATION:

This product contains no reported or suspected teratogens.

REPRODUCTION INFORMATION:

Toluene is a chemical known to the state of California to cause birth defect or other reproductive harm. This product contains a chemical known to the State of California to cause cancer.

12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:

Uncontrolled release of the product may result in contamination of air, ground, waterways and/or sewers.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with local, state and federal regulations.

14. TRANSPORT INFORMATION

AEROSOLS, FLAMMABLE, 2.1, UN1950

15. REGULATORY INFORMATION

HMIS HAZARD INDEX: 4=SEVERE, 3=SERIOUS, 2=MODERATE, 1=SLIGHT, 0=LEAST
HEALTH: 2

FLAMMABILITY: 4

REACTIVITY: 0

PERSONAL PROTECTION: J

SECTION 313:

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372 (Chemicals listed below constitute the specific percentage of product by weight. Chemicals that do not have a listed percentage comprise less than 1% of total product weight):

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| | | |
|--------------------------|-----------|----|
| * TOLUENE | 108-88-3 | 22 |
| * BUTANOL | 71-36-3 | 3 |
| * 2-BUTOXYETHANOL | 111-76-2 | 2 |
| * DIBUTYL ESTER | 84-74-2 | 2 |
| * DIMETHYL PHTHALATE | 131-11-3 | |
| * 1,2,4-TRIMETHYLBENZENE | 95-63-6 | |
| * XYLENE | 1330-20-7 | |

16. DISCLAIMER:

The following supercedes any provision contained in the forms, letters and papers of your company. This product is designed and intended for professional application only. All products should be thoroughly tested under application conditions prior to use. The information contained herin is believed to be reliable. HOWEVER, GEMINI MAKES NO WARRANTY CONCERNING THIS PRODUCT, WHETHER EXPRESS OR IMPLIED. INCLUDING THE WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

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