

Product Code: S108-1  
 Product Name: RED MAHOGANY OIL BASE WIPING STAIN 1 GAL

GEMINI INDUSTRIES, INC., 2300 HOLLOWAY DRIVE, EL RENO, OK 73036  
 24-hour Emergency Phone: 800-510-8510

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

(SEE TOP OF PAGE)

2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT/EXPOSURE LIMITS	CAS#
J9* ZECO 161	MIXTURE
ASPHALT: ACGIH TLV 5mg/m3	
ALIPHATIC HYDROCARBONS: OSHA PEL 100ppm, ACGIH TLV 100ppm	
AROMATIC PETROLEUM DISTILLATES: OSHA PEL 100ppm,	
AROMATIC 100	64742-95-6
SC150 PETROLEUM NAPHTHA	64742-94-5
NAPHTHALENE OSHA PEL: 10ppm, STEL 15 ppm, ACGIH 10ppm, STEL 15ppm	
TRIMETHYL BENZENE: OSHA PEL: 25ppm, ACGIH TLV: 25ppm	
1,2,4-TRIMETHYLBENZENE	95-63-6
TOLUENE	108-88-3
OSHA PEL: 200ppm	
ACGIH TLV 50ppm	
ASPHALT FUMES	8052-42-4
ALKYD RESIN	PROPRIETARY
XYLENE	1330-20-7
OSHA: 100 PPM PEL-TWA	
NIOSH: 100 PPM PEL-TWA	
GILSONITE	12002-43-6
MINERAL SPIRITS	8052-41-3
NAPHTHALENE	91-20-3

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METHANOL	67-56-1
OSHA TWA PEL: 200ppm	
ACGIH TLV TWA 200ppm, STEL TLV 250ppm	
CUMENE	98-82-8
ETHYLBENZENE	100-41-4

### 3. HAZARDS IDENTIFICATION

FLAMMABLE IN A LIQUID STATE  
HIGH VAPOR CONCENTRATIONS MAY CAUSE MILD EYE 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: CLASS 1B

LOWEST FLASH POINT: 40F

#### METHOD:

DOT: FLAMMABLE LIQUID

#### FLAMMABLE LIMITS:

LOWER FLAMMABLE LIMIT: 1

UPPER FLAMMABLE LIMIT: 36

EXTINGUISHING MEDIA: Alcohol Foam, CO2, Dry Chemical

The National Fire Protection Association Class B extinguisher is designed to extinguish NFPA Class 1B flammable liquid fires.

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UNUSUAL FIRE AND EXPLOSION HAZARDS

Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Closed containers may explode when exposed to extreme heat. Do not apply to hot surfaces. Never use welding or cutting torch on or near container (even empty) because product (even residue) may ignite explosively. Liquid and vapor states of this substance are dangerous fire hazards and moderate explosion hazards when exposed to heat or flame

**FIREFIGHTING INSTRUCTIONS:**

Clear fire area of unprotected personnel. Do not enter confined space without helmet, face shield, bun coat, gloves, rubber boots and a positive pressure NIOSH-approved self-contained breathing apparatus. A water stream can scatter flames. A spray of water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion when exposed to extreme heat. If water is used, fog nozzles are preferable.

**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:**

Bond and ground metal containers when transferring liquid. Avoid free fall of liquid in excess of a few inches. 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. Wet down all used wiping rags with water in a covered metal container to prevent spontaneous combustion.

**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:**

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:**

**EYE PROTECTION:**

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

**HYGENIC PRACTICES:**

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

**9. PHYSICAL AND CHEMICAL PROPERTIES**

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BOILING POINT: 147F  
MELTING POINT: N/A  
VAPOR PRESSURE: N/A  
VAPOR DENSITY: Heavier Than Air  
SOLUBILITY IN WATER: N/A  
SPECIFIC GRAVITY: .894  
COATING VOC LB/GL: 6.5304 lb/gl  
COATING VOC GM/LTR: 783 g/l  
MATERIAL VOC LB/GL: 6.4744 lb/gl  
MATERIAL VOC GM/LTR: 776 g/l  
% VOLATILE BY VOLUME: 90.938%  
EVAPORATION RATE: Faster than Butyl Acetate.  
WEIGHT PER GALLON: 7.443 lb/gl  
PH: N/A  
ODOR: N/A  
APPEARANCE: N/A

#### 10. STABILITY AND REACTIVITY

##### CHEMICAL STABILITY:

Stable      Conditions to Avoid: high heat, sparks, flames.

##### INCOMPATIBILITY

##### 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 har

#### 12. ECOLOGICAL INFORMATION

##### ECOLOGICAL INFORMATION:

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

#### 13. DISPOSAL CONSIDERATIONS

Dispose in accordance with local, state and federal regulations.

#### 14. TRANSPORT INFORMATION

#### 15. REGULATORY INFORMATION

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

HEALTH: 2

FLAMMABILITY: 3

REACTIVITY: 0

PERSONAL PROTECTION: I

SECTION 313:

This product contains the following toxic chemicals subject to the reporting requirements of section 3

M A T E R I A L   S A F E T Y   D A T A   S H E E T

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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):

		% BY WT
* AROMATIC 100	64742-95-6	93
* 1,2,4-TRIMETHYLBENZENE	95-63-6	18
* TOLUENE	108-88-3	7
* XYLENE	1330-20-7	4
* NAPHTHALENE	91-20-3	1
* METHANOL	67-56-1	1
* CUMENE	98-82-8	1
* ETHYLBENZENE	100-41-4	

**16. DISCLAIMER:**

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