

Product Code: S311-1

Product Name: TRADITIONAL CHERRY LAC. 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#
MISO454	MIXTURE
XYLENE: 100ppm	
AROMATIC SC100	64742-95-6
TRIMETHYL BENZENE: OSHA PEL 25ppm, ACGIH 25ppm	
XYLENES: OSHA PEL 100ppm , OSHA STEL 150ppm, ACGIH 100ppm, STEL 150ppm	
CUMENE: OSHA PEL 50ppm, ACGIH TLV 50ppm	
ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2
ACGIH 25ppm TWA	
OSHA 25ppm TWA	
1,2,4-TRIMETHYLBENZENE	95-63-6
ACETONE	67-64-1
OSHA VPEL 750 ppm TWA	
OSHA VPEL 1000 ppm STEL	
ACGIH TLV 500ppm TWA	
ACGIH TLV 750 ppm STEL	
TOLUENE	108-88-3
OSHA PEL: 100ppm OSHA STEL 150ppm	
ACGIH TLV 50ppm	
SOYA ALKYD	
A150	64742-94-5
LONG-OIL ALKYD	PROPRIETARY
RED OXIDE-MEDIUM	1309-37-1
ISOBUTYL ACETATE	110-19-0
OSHA VPEL 150ppm-TWA	
ACGIH TLV 150ppm-TWA	

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n-BUTANOL	71-36-3
OSHA PEL: 100ppm TWA	
ACGIH TLV 50ppm	
RULE 66 MINERAL SPIRITS	64742-88-7
XYLENE	1330-20-7
NITROCELLULOSE	9004-70-0
CUMENE	98-82-8
ISOPROPANOL	67-63-0
400ppm TWA8 ACGIH, 983 mg/m3 TWA8 ACGIH	
980mg/m3 TWA8 OSHA, 500ppm STEL OSHA	
NAPHTHALENE	91-20-3

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

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

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASSIFICATION: CLASS 1B

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LOWEST FLASH POINT: 40F **METHOD:** TCC

DOT: FLAMMABLE LIQUID

FLAMMABLE LIMITS:

LOWER FLAMMABLE LIMIT: 1.0

UPPER FLAMMABLE LIMIT: 12.8

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.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Close containers may explode when exposed to extreme heat. Do not apply to hot surfaces. Never use welding cutting torch on or near container (even empty) because product (even residue) may ignite explosively. The 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, bunker 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 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 spill 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 public safety 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. If contact is 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 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 in well-ventilated areas. 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

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immediately and do not wear 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: .9
COATING VOC LB/GL: 6.58 lb/gl
COATING VOC GM/LTR: 788 g/l
MATERIAL VOC LB/GL: 5.88 lb/gl
MATERIAL VOC GM/LTR: 704 g/l
% VOLATILE BY VOLUME: 90.91%
EVAPORATION RATE: Faster than Butyl Acetate.
HAPS/GALLON: .
LBS HAPS/LBS SOLID: .
WEIGHT PER GALLON: 7.5 lb/gl
PH: N/A
ODOR: N/A
APPEARANCE: N/A

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable **Conditions to Avoid:** high heat, sparks, flame
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 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.

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**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 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

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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		% BY WT
* MSO454	MIXTURE	102
* 1,2,4-TRIMETHYLBENZENE	95-63-6	11
* TOLUENE	108-88-3	9
* XYLENE	1330-20-7	1
* CUMENE	98-82-8	
* NAPHTHALENE	91-20-3	

16. OTHER INFORMATION:

THE INFORMATION CONTAINED HEREIN IS INFORMATION RECEIVED FROM OUR RAW MATERIAL SUPPLIERS AND OTHER SOURCE BELIEVED TO BE RELIABLE. THIS DATA IS NOT TO BE TAKEN AS A WARRANTY OR REPRESENTATION FROM WHICH GEMINI INDUSTRIES, INC. ASSUMES LEGAL RESPONSIBILITY.