

Product Code: A620-0072-16
Product Name: HAPS COFFEE STAIN

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# |
|---|------------|
| ----- | |
| BURNT UMBER 525 | MIXTURE |
| ACGIH-TLV: IRON (III)OXIDE5mg/m3, MANGANESE OXIDE .2 mg/m3, QUARTZ .1 mg/M3 | |
| TOLUENE 50ppm | |
| OSHA-PEL IRON (III) OXIDE 10mg/m3, QUARTZ .1 mg/m3, TOLUENE 200ppm | |
| OSHA-STEL TOLUENE300ppm | |
| VM&P NAPHTHA | 68410-96-8 |
| OSHA: NONE | |
| NIOSH: 350 MILLIGRAMS PER CUBIC METER-TWA | |
| NIOSH: 1800 MILLIGRAMS PER CUBIC METER-CEILING | |
| ACETONE | 67-64-1 |
| OSHA VPEL 750 ppm TWA | |
| OSHA VPEL 1000 ppm STEL | |
| ACGIH TLV 500ppm TWA | |
| ACGIH TLV 750 ppm STEL | |
| PROPANE | 74-98-6 |
| BUTANOL | 71-36-3 |
| OSHA PEL: 100ppm TWA | |
| ACGIH TLV 50ppm | |
| N. BUTANE | 106-97-8 |
| PROPYLENE GLYCOL METHYL ETHER ACETATE | 108-65-6 |
| 2-BUTOXYETHANOL | 111-76-2 |
| OSHA PEL 50 PPM TWA | |
| OSHA VPEL 25 PPM TWA | |
| ACGIH TLV 20 PPM TWA | |
| IRON OXIDE | 1309-37-1 |
| TOLUENE | 108-88-3 |
| OSHA PEL: 200ppm | |
| ACHIG TLV: 50ppm | |

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:

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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: 0

UPPER FLAMMABLE LIMIT: 12.8

EXTINGUISHING MEDIA: Alcohol Foam, CO2, Dry Chemical

UNUSUAL FIRE AND EXPLOSION HAZARDS

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

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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: .737

COATING VOC LB/GL: 1.5767 lb/gl

COATING VOC GM/LTR: 189 g/l

MATERIAL VOC LB/GL: 1.5767 lb/gl

MATERIAL VOC GM/LTR: 189 g/l

% VOLATILE BY VOLUME: 35.117%

EVAPORATION RATE: Faster than Butyl Acetate.

WEIGHT PER GALLON: 6.134 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.

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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:

This product contains no reported or suspected mutagens.

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):

| | | % BY WT |
|-------------------|----------|---------|
| * BUTANOL | 71-36-3 | 15 |
| * 2-BUTOXYETHANOL | 111-76-2 | 3 |
| * TOLUENE | 108-88-3 | |

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 herein 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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