

MATERIAL SAFETY DATA SHEET

Date: August 17, 2006

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT CODE: 70916
PRODUCT NAME: Bug & Tar Remover

NFPA HAZARD RATINGS: Minimal - 0, Slight - 1, Moderate - 2, Serious - 3, Severe - 4
Health: 2, Flammability: 3, Reactivity: 0

CHEMICAL FAMILY: Aliphatic /Aromatic Hydrocarbons

SYNONYMS: Tar Remover

MANUFACTURER NAME AND ADDRESS: Star brite Distributing, Inc.
4041 S. W. 47 Avenue
Ft. Lauderdale, FL 33314

TELEPHONE NUMBERS: Chemtrec: 800-424-9300 or 703-527-3887
Star brite: 800-327-8583
Jeff Tieger 800-327-8583

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

Table with 3 columns: HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY/COMMON NAME), CAS #, PERCENTAGE. Rows include Solvent naphtha medium aliphatic, Xylene (mixed isomers) {Benzene, dimethyl-}, and Ethylbenzene {Ethylbenzol; Phenylethane}.

Table with 4 columns: CAS #, OSHA PEL, ACGIH TLV, OTHER LIMITS. Rows correspond to the CAS numbers in the previous table.

SECTION 3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

This product is irritating to the eyes and stomach lining, defats skin and it can cause dizziness, headaches and respiratory tract irritation from inhalation. It is also combustible.

ROUTE(S) OF ENTRY: Inhalation? Yes Skin? Yes Eyes? Yes Ingestion? Yes Other: None

POTENTIAL HEALTH EFFECTS (Acute and Chronic):

ACUTE:

EYES: Irritating to eyes.

SKIN: Constant exposure to skin may cause drying or defatting of skin.

INHALATION: May cause dizziness, headaches and irritate the respiratory tract.

INGESTION: Can irritate mouth, throat and stomach.

CHRONIC:

TARGET ORGAN EFFECTS: Central Nervous System, possible kidneys, blood, liver, lungs and cardiovascular system.

CARCINOGENICITY: NTP? No IARC Monographs? No OSHA Regulated? No

CARCINOGENICITY/OTHER INFORMATION:

No Data Available.

RECOMMENDED EXPOSURE LIMITS: 100 ppm

LD 50/LC 50: No Data Available.

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SECTION 3. HAZARDS IDENTIFICATION (cont'd)

SIGNS AND SYMPTOMS OF EXPOSURE:

EYES: May cause minimal irritation, experienced as temporary discomfort.

SKIN: Irritating to the skin with possible drying and defatting of the skin.

INGESTION: May result in severe irritation of the mouth, throat and stomach.

INHALATION: Vapors may cause respiratory tract irritation, cough, discomfort and difficulty in breathing.

SECTION 4. FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush eyes with water for at least 15 minutes. Call a physician.

SKIN: Wash skin thoroughly with soap and water.

INHALATION: Remove to fresh air, give oxygen or artificial respiration if necessary. Call a physician.

INGESTION: Do not induce vomiting, call a physician immediately.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

No Data Available.

SECTION 5. FIRE FIGHTING MEASURES

FLASH PT: 91.0°F (32.77°C)

METHOD USED: TCC

EXPLOSIVE LIMITS: LEL: 0.60

UEL: 7.0

EXTINGUISHING MEDIA:

CO₂, Foam, Class B Extinguishers

FIRE FIGHTING INSTRUCTIONS:

Avoid spraying water directly into storage containers due to danger of boilover. Cool fire exposed surfaces. Isolate "Fuel" supply from fire. Wear full protective clothing and positive pressure breathing apparatus.

FLAMMABLE PROPERTIES AND HAZARDS:

Material floats on water. Material is volatile and gives off invisible vapors. Either liquid or vapor may settle in low areas or travel some distance along the ground to ignition.

SECTION 6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Ventilate area. Avoid breathing vapor. Wear appropriate personal protective equipment, including respiratory protection. Contain spill if possible. Wipe up or absorb on suitable material and shovel up. Keep out of sewers and drains. Avoid contact with skin, eyes, and clothing.

SECTION 7. HANDLING AND STORAGE

HAZARD LABEL INFORMATION:

DANGER! Flammable.

Harmful or fatal if swallowed.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Always check containers for leaks and keep away from heat, sparks and flames. Avoid contact with eyes, skin, and clothing. Keep away from food and drinking water. Store at correct temperatures.

OTHER PRECAUTIONS:

No Data Available.

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SECTION 7. HANDLING AND STORAGE (cont'd)

WORK/HYGIENIC/MAINTENANCE PRACTICES:

Do not smoke while using. Wash hands after use. Launder clothes before reuse. Use good personal hygiene at all times.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT SUMMARY - HAZARD LABEL INFORMATION:

Rubber gloves Safety glasses

RESPIRATORY EQUIPMENT (Specify Type):

None should be needed under normal use. If exposure limits are exceeded, use an NIOSH/MSHA approved respirator.

EYE PROTECTION:

Safety glasses.

PROTECTIVE GLOVES:

Rubber gloves.

OTHER PROTECTIVE CLOTHING:

Boots, apron, or coveralls as necessary to prevent skin contact.

ENGINEERING CONTROLS (Ventilation etc.):

Good general ventilation should be sufficient to control airborne levels.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATES: [] Gas [X] Liquid [] Solid

BOILING POINT: 298.0° F

MELTING POINT: No Data.

Table with 3 columns: Property Name, Value, and Conditions. Rows include Specific Gravity, Vapor Pressure, Vapor Density, Evaporation Rate, Solubility in Water, Percent Volatile, PH, and Appearance and Odor.

SECTION 10. STABILITY AND REACTIVITY

STABILITY: Unstable [] Stable [X]

CONDITIONS TO AVOID - INSTABILITY:

Strong oxidizers, heat, sparks, flame.

INCOMPATIBILITY - MATERIALS TO AVOID:

Strong oxidizers, such as permanganates, chromates, peroxides, etc.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Carbon monoxide, fumes and smoke from burning.

HAZARDOUS POLYMERIZATION: May occur [] Will not occur [X]

CONDITIONS TO AVOID - HAZARDOUS POLYMERIZATION:

Strong oxidizers, heat, sparks, flame.

SECTION 11. TOXICOLOGICAL INFORMATION

No Data Available.

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SECTION 12. ECOLOGICAL INFORMATION

No Data Available.

SECTION 13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:

All notification, clean up and disposal should be carried out in accordance with federal, state and local regulations. Preferred methods of waste disposal are incineration or biological treatment in a federal/state approved facility.

SECTION 14. TRANSPORT INFORMATION

Call for information

SECTION 15. REGULATORY INFORMATION

Volatile Organic Compounds (VOC): 100.00%

<u>PARTIAL CHEMICAL NAME</u>	<u>CAS #</u>	<u>SEC.302 (EHS)</u>	<u>SEC.304 RQ</u>	<u>SEC.313</u>
Solvent naphtha medium aliphatic	64742-88-7	No	No	No
Xylene (mixed isomers) {Benzene, dime}	1330-20-7	No	Yes-100 lb.	Yes
Ethylbenzene {Ethylbenzol; Phenyleth}	100-41-4	No	Yes 1000 lb.	Yes

<u>CAS #</u>	<u>CA PROP 65</u>	<u>CWA NPDES</u>	<u>CAA HAP</u>	<u>CAA ODC</u>
64742-88-7	No	No	No	No
1330-20-7	No	Yes	Yes	No
100-41-4	No	Yes	Yes	No

TSCA (TOXIC SUBSTANCES CONTROL ACT) LISTS:

<u>CAS #</u>	<u>5 (A) (2)</u>	<u>6(A)</u>	<u>8A</u>	<u>8A CAIR</u>	<u>8A PAIR</u>	<u>8C</u>	<u>8D</u>	<u>8D TERM</u>
64742-88-7	No	No	No	No	No	No	No	No
1330-20-7	No	No	No	No	Yes	No	No	No
100-41-4	No	No	No	No	Yes	No	No	No

SARA (Superfund Amendments and Reauthorization Act of 1986) Lists:

- Sec.302: EPA SARA Title III Section 302 Extremely Hazardous Chemical with TPQ. * indicates 10000 LB TPQ if not volatile
- Sec.304: EPA SARA Title III Section 304: CERCLA Reportable + Sec.302 with Reportable Quantity. ** indicates statutory RQ
- Sec.313: EPA SARA Title III Section 313 Toxic Release Inventory
Note: -Cat indicates a member of a chemical category

- CA PROP 65: California Proposition 65
- CWA NPDES: EPA Clean Water Act NPDES Permit Chemical
- CAA HAP: EPA Clear Air Act Hazardous Air Pollutant
- CAA ODC: EPA Clean Air Act Ozone Depleting Chemical (1=CFC, 2=HCFC)
- TSCA (Toxic Substances Control Act) Lists:

- 5(A) (2): Chemical Subject to Significant New Rules (SNURS)
- 6(A): Commercial Chemical Control Rules
- 8(A): Toxic Substances Subject to Information Rules on Production
- 8A CAIR: Comprehensive Assessment Information Rules - (CAIR)
- 8A PAIR: Preliminary Assessment Information Rules - (PAIR)
- 8C: Records of Allegations of Significant Adverse Reactions
- 8D: Health and Safety Data Reporting Rules
- 8D TERM: Health and Safety Data Reporting Rule Terminations

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SECTION 15. REGULATORY INFORMATION (cont'd)

EPA HAZARD CATEGORIES: This material meets the EPA "Hazard Categories" defined for SARA Title III Sections 311/312 as indicated:

Immediate (Acute) Health Hazard:	Yes	Fire Hazard:	Yes
Delayed (Chronic) Health Hazard:	Yes	Sudden Release of Pressure Hazard:	No
		Reactive Hazard:	Yes

SECTION 16. OTHER INFORMATION

The supplier makes no warranty of any kind, expressed or implied, concerning the use of this product either singly or in combination with other substances. Effects can be aggravated by other materials. This product may aggravate or add to the effects of other materials. This product may be released from gas, liquid or solid materials made directly or indirectly from it. User assumes all risks incident to its use. User must communicate to its employees and customers, including consumers of its products, all warnings that relate to the potential exposure of each of those groups to the material. To the best of our knowledge, the information contained herein is accurate. We have reviewed any information contained in this data sheet which we received from sources outside our company. We believe that information to be correct but cannot guarantee its accuracy or completeness. No warranty is made, either expressed or implied.