

Safety Data Sheet

91154 Bug & Tarminator®

Stoner

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1. IDENTIFICATION

Stoner Incorporated
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Quarryville, PA 17566
1-800-227-5538

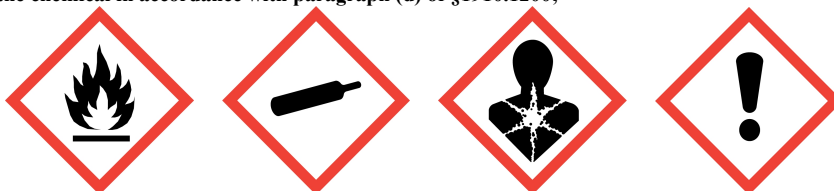
Product Name: Bug & Tarminator®
Product Code: 91154
Product Use: Bug & Tar Remover
24-hour emergency phone: 1-800-424-9300 [CHEMTREC]

2. HAZARD IDENTIFICATION

POTENTIAL HEALTH EFFECTS

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

GHS Hazard
Symbols



GHS Classification

Flammable Aerosol Category 1
Gases under pressure - Liquefied Gas
Skin Sensitisation Category 1
Skin Corrosion/Irritation Category 2
Serious Eye Damage/Eye Irritation Category 2A
Carcinogenicity Category 2
Reproductive Toxicity Category 2
Specific Target Organ Systemic Toxicity (STOT) - Repeated Exposure Category 2
Hazardous to the aquatic environment - Acute Category 2

Signal Word

Danger

Hazard Statements

Extremely flammable aerosol.
Contains gas under pressure; may explode if heated.
Causes skin irritation.
May cause an allergic skin reaction.
Causes serious eye irritation.
Harmful if inhaled.
Suspected of causing cancer.
Suspected of damaging fertility or the unborn child.
May cause damage to organs through prolonged or repeated exposure.
Toxic to aquatic life..

Precautionary Statements

Prevention

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.
Do not breathe dust/fume/gas/mist/vapours/spray.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Wash thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Contaminated work clothing should not be allowed out of the workplace.
Avoid release to the environment.
Wear protective gloves/protective clothing/eye protection/face protection.
Use personal protective equipment as required.

Response

IF ON SKIN: Wash with plenty of soap and water.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF exposed or concerned: Get medical advice/attention.
Call a POISON CENTER or doctor/physician if you feel unwell.
Get medical advice/attention if you feel unwell.
Specific treatment (see ... on this label).
If skin irritation occurs: Get medical advice/attention.

If skin irritation or rash occurs: Get medical advice/attention.
 If eye irritation persists: Get medical advice/attention.
 Take off contaminated clothing and wash before reuse.
 Wash contaminated clothing before reuse.

Storage

Store locked up.
 Protect from sunlight. Store in a well-ventilated place.
 Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.

3. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	CAS #	Percent
solvent naphtha (petroleum), heavy aliph.	64742-96-7	1-20
Distillates (petroleum), hydrotreated light	64742-47-8	1-20
Halogenated hydrocarbon	75-37-6	1-20
Petroleum hydrocarbon	1330-20-7	1-20
Glycol ether	112-34-5	1-20
Aliphatic hydrocarbon	142-82-5	1-20
Dimethyl carbinol	67-63-0	1-20
Citrus distillates	5989-27-5	1-20
Petroleum hydrocarbon	100-41-4	1-5

HMIS® III* HAZARDOUS WARNINGS:

Health: 2*	Flammability: 4	Physical: 1	Personal Protective Equipment:	See Section 8
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* See www.paint.org/hmis or call the NPCA at 1 (202) 462-6272 for more information on this current rating system.

4. FIRST AID MEASURES

<p>Eyes: Immediately flush eyes gently with plenty of water for at least 15 minutes while holding eyelids apart. If symptoms persist or there is visual difficulty, seek medical attention.</p> <p>Skin Contact: In case of contact, immediately wash contaminated area with plenty of water for at least 15 minutes. Seek medical attention if symptoms persist. Wash clothing before reuse.</p> <p>Ingestion: If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. Do not induce vomiting. Aspiration into the lungs can cause serious damage. Contact a physician, medical facility, or poison control center immediately. Have victim drink 8 to 10 ounces of water to dilute the material in the stomach.</p> <p>Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek immediate medical attention. Keep the victim warm and quiet.</p>

NOTES TO PHYSICIAN:

Inhalation of high concentrations of the material, or one of its components, as could occur in enclosed spaces or during deliberate abuse, may be associated with cardiac arrhythmias. Sympathomimetic drugs may initiate cardiac arrhythmias in persons exposed to this material. This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting. Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should be used only in situations of emergency life support. This material (or a component) may cause acidosis. Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin; lung (for example, asthma-like conditions); kidney; auditory system; arrhythmias (irregular heartbeats); liver; blood forming system; central nervous system;

5. FIRE FIGHTING MEASURES

<p>Fire and/or Explosion Hazards: This product contains a component(s) that is considered a flammable liquid, which has vapors that are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, or other flames and ignition sources at locations distant from the material's handling point. This product contains a component(s) that is considered an extremely flammable gas(es), which has vapors that are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, or other flames and ignition sources at locations distant from the material's handling point. Containers may rupture or explode under fire conditions. "Empty" containers retain product residue and can be dangerous.</p> <p>Fire Fighting Instructions: Use CO2, foam or dry chemical. Fire fighters should wear normal protective equipment and positive-pressure self-contained breathing apparatus. Water is generally not effective and may spread fire; however, water spray may be used from a safe distance to cool closed containers and protect surrounding area.</p>

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Wear appropriate personal protective equipment (PPE). Stop or reduce discharge if it can be done safely. Avoid run-off into storm sewers and ditches which may lead to natural waterways. Clean up with absorbent material. Place absorbent materials into container and close it tightly. Dispose of container properly. Remove all sources of ignition. Ventilate contaminated area. If runoff occurs, notify authorities as required. Wear appropriate clothing.

7. HANDLING AND STORAGE

- Handling:** Do not use near ignition sources. Avoid prolonged or repeated breathing of vapor. Avoid prolonged or repeated contact with skin. Use with adequate ventilation. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death. May cause frostbite. If ventilation is not sufficient, wear proper respiratory equipment. Avoid prolonged or repeated contact with skin. Avoid prolonged or repeated breathing of vapor. This material can be harmful or irritating. Do not use near ignition sources. Do not store containers in excessive heat or direct sunlight. Protect container against physical damage.
- Storage:** Store in a cool, dry, well ventilated area away from all sources of ignition. Keep away from heat, sparks and flame. Do not store at temperatures above 120 degrees F. Empty container may contain residues which are hazardous.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Engineering Controls:** Ventilation should be adequate to prevent exposures above the limits indicated below in this section of the MSDS (from known, suspected or apparent adverse effects). Local exhaust should be used in areas where exposure limits may be exceeded.
- Eye Protection:** Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid or airborne material. Do not wear contact lenses. Have an eye wash station available.
- Skin Protection:** The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.
- Respiratory Protection:** If respiratory irritation develops below the recommended exposure limits, use an NIOSH approved nuisance dust/mist/organic vapor respirator. A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits. Use NIOSH approved respirator where there is likelihood of inhalation of the product mist, spray or aerosol.

COMPONENT	CAS #	ACGIH TLV	OSHA PEL	OTHER
solvent naphtha (petroleum), heavy aliph.	64742-96-7	Not established	Not established	Not established
Distillates (petroleum), hydrotreated light	64742-47-8	Not established	Not established	Not established
Halogenated hydrocarbon	75-37-6	Not established	Not established	1000ppm TWA (Mfr.)
Petroleum hydrocarbon	1330-20-7	Not established	Not established	Not established
Glycol ether	112-34-5	20ppm	50ppm	35ppm TWA (Mfg. recommend)
Aliphatic hydrocarbon	142-82-5	400 ppm	400 ppm	Not established
Dimethyl carbinol	67-63-0	200 ppm	Not established	200 ppm 8 hr TWA
Citrus distillates	5989-27-5	Not established	Not established	FDA-GRAS
Petroleum hydrocarbon	100-41-4	100ppm TWA	100ppm TWA	100ppm 10 hr-TWA (NIOSH)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Aerosol can	Lower Flammability Limit (%):	Not applicable
Appearance:	Clear Colorless	Upper Flammability Limit (%):	Not applicable
Odor:	Petroleum solvent	Vapor Pressure (PSIG @ 70°F):	63.00
Odor Threshold:	Mild	Vapor Density [air = 1]:	3.53
pH:	Not applicable	Relative Density (H2O=1):	0.91
Melting/Freezing Point (°F):	No data available	Solubility in Water:	Not determined
Boiling Point (°F):	No data available	Partial Coefficient: n-octanol/water:	No data available
Flash Point (°F PMCC):	Not applicable	Autoignition Temperature (°F):	449
Evaporation Rate:	0.5-2 (n-Butyl acetate = 1)	Decomposition Temperature (°F):	No data available
Flammability (solid, gas):	No data available	Viscosity, dynamic (cSt):	No data available
Percent VOCs (%):	40 - 60		

10. STABILITY AND REACTION

- Chemical Stability:** Stable.
- Conditions to Avoid:** Ignition sources such as open flames, sparks, static discharges or glowing metal surfaces. Avoid contact with: Strong oxidizing agents. Chlorine. Hypochlorites. Alkali. Alkaline earth metals. Powdered metals. Strong alkalis. Acetaldehyde. Acids. Ethylene oxide. Isocyanates.
- Decomposition Products:** Burning can produce the following combustion products: Carbon dioxide and carbon monoxide. Aldehydes. Various hydrocarbons. This material can be decomposed by extremely high temperatures (open flames, glowing metal surfaces, etc.) forming hydrofluoric acid and carbonyl fluoride.

11. TOXICOLOGICAL INFORMATION

Inhalation Toxicity: High concentrations may cause central nervous system depression resulting in headaches, dizziness and nausea; continued inhalation may result in unconsciousness and/or death.

Reproductive & Developmental Toxicity: No data available.

Ingredient	CAS #	Toxicological Data
Halogenated hydrocarbon	75-37-6	ORAL ALD Rat > 1500 mg/kg 4HR ALC Rat 383000 ppm
Petroleum hydrocarbon	1330-20-7	Dermal LD50 Rabbit > 2000 mg/kg Oral LD50 Rat = 5000 mg/kg
Glycol ether	112-34-5	Dermal LD50 Rabbit = 2700 mg/kg Oral LD50 Rat = 6560 mg/kg
Aliphatic hydrocarbon	142-82-5	Inhalation LC50 (1h) Guinea pig > 633 ppm Dermal LD50 Rat > 2000 mg/kg Oral LD50 Rat 5000 mg/kg
Dimethyl carbinol	67-63-0	Inhalation LC50 (4h) Rat = 74 mg/L Dermal LD50 Rabbit = 12870 mg/kg Oral LD50 Rabbit = 5030 mg/kg
Citrus distillates	5989-27-5	Inhalation LC50 (8h) Rat = 51 mg/L Dermal LD50 Rabbit = 5 g/kg Oral LD50 Rat > 5 g/kg
Petroleum hydrocarbon	100-41-4	Dermal LD50 Rabbit = 15433 mg/kg No data available Inhalation LC50 Mouse = 6 mg/L

12. ECOLOGICAL INFORMATION

Ecological Toxicity: Severe ecological hazard. This product may be toxic to plants and/or wildlife.

Mobility: No data available This material (or one of its components), dissolves in water. If it enters the soil, it will be highly mobile and may contaminate ground water.

Ingredient	CAS #	Toxicological Data
Petroleum hydrocarbon	1330-20-7	Aquatic LC50 (96h) MINNOW 24 - 30 mg/L Aquatic LC50 (24h) Daphnia 100 - 1000 mg/L
Glycol ether	112-34-5	Aquatic LC50 (96h) B1 gill = 1300 mg/L Aquatic LC50 (24h) Daphnia = 2850 mg/L
Aliphatic hydrocarbon	142-82-5	Aquatic LC50 (24h) MINNOW 4 mg/L 48HR EC50 Daphnia 1.5 mg/L
Citrus distillates	5989-27-5	Aquatic LC50 (96h) MINNOW 1 - 1 mg/L 48HR EC50 Daphnia = 70 mg/L
Petroleum hydrocarbon	100-41-4	Aquatic LC50 (96h) Rainbow Trout = 8.4 mg/L 48HR EC50 Daphnia = 9.55 mg/L 72HR EC50 Algae 4.9 mg/L

13. DISPOSAL CONSIDERATIONS

Disposal: Dispose according to Federal, State and local regulations.

14. TRANSPORTATION INFORMATION

Agency	UN Number	Proper Shipping name	Hazard Class	Packing Group
DOT	UN1950	Aerosols, Flammable†	2.1	Not applicable
IATA	ID8000	Consumer Commodity†	9	Not applicable
IMDG	UN1950	Aerosols, Flammable†	2.1	Not applicable

† "Limited Quantities" may be applicable for this transportation mode.

15. REGULATORY INFORMATION

Warning: This product contains the following chemicals that are subject to reporting requirements for the following regulatory bodies listed below:

COMPONENT	CAS #	% BY WEIGHT	Regulatory Body
Xylene	1330-20-7	1-20	SARA Section 313
Ethyl benzene	100-41-4	1-5	SARA Section 313

Warning: This product may contain chemicals known to the State of California to cause cancer. See list below.

Ethyl benzene	100-41-4	1-5	Prop65 Cancer
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Warning: This product may contain chemicals known to the State of California to cause birth defects. See list below.

Benzene	71-43-2	0.01 - 0.1	Prop65 Birth Defects
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All components of this product are listed on the TSCA inventory.

16. OTHER INFORMATION

Other Information: MSDS Prepared by L. Dean Swartz, MSDS Coordinator

Version Date: 06/01/15

This information contained in this MSDS is believed to be accurate as of the version date, but is not warranted to be. Since the use of this information and the conditions of use of this product are not within the control of Stoner Inc, it is the user's obligation to determine the conditions of safe use.