

Safety Data Sheet

91157 Bug & Tarminator®

Stoner

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1. IDENTIFICATION

Stoner Incorporated
1070 Robert Fulton Hwy.
Quarryville, PA 17566

1-800-227-5538

Product Name:

Bug & Tarminator®

Product Code:

91157

Product Use:

Cleaner/ Degreaser
Automotive Cleaner

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 Liquid Category 1
Skin Sensitisation Category 1
Aspiration Hazard 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
Acute Toxicity - Inhalation Vapour Category 4
Acute Toxicity - Dermal Category 4
Specific Target Organ Systemic Toxicity (STOT) - Single Exposure Category 3

Signal Word

Danger

Hazard Statements

Extremely flammable liquid and vapour.
May be fatal if swallowed and enters airways.
Harmful in contact with skin or if inhaled.
Causes skin irritation.
May cause an allergic skin reaction.
Causes serious eye irritation.
May cause drowsiness or dizziness.
Suspected of causing cancer.
Suspected of damaging fertility or the unborn child.
May cause damage to organs through prolonged or repeated exposure.

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.
Keep container tightly closed.
Ground/bond container and receiving equipment.
P241 - Use explosion-proof electrical, ventilating and lighting equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Do not breathe dust/fume/gas/mist/vapours/spray.
Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 - Wash thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection.

Response

P301+P310 - If swallowed: Immediately call a poison center, doctor or medical center.
P302+P352 - If on skin: Wash with plenty of soap and water.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
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.

P312 - Call a poison center, doctor or medical center if you feel unwell.
 Get medical advice/attention if you feel unwell.
 P321 - Specific treatment (see on this SDS).
 Do NOT induce vomiting.
 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.

Wash contaminated clothing before reuse.
 P370+P378 - In case of fire: Use proper media to extinguish.

Storage Keep container tightly closed.
 Store in a well-ventilated place. Keep container tightly closed.
 Store in a well-ventilated place. Keep cool.
 Store locked up.

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>COMPONENT</u>	<u>CAS #</u>	<u>Percent</u>
solvent naphtha (petroleum), heavy aliph.	64742-96-7	10 - 30
Distillates (petroleum), hydrotreated light	64742-47-8	10 - 30
Xylene	1330-20-7	1-20
Glycol ether	112-34-5	7 - 13
Aliphatic hydrocarbons	142-82-5	7 - 13
Dimethyl carbinol	67-63-0	5 - 10
Ethyl benzene	100-41-4	1 - 5
Toluene		
Citrus distillates	5989-27-5	1 - 5
CHRLSNXMESX1		1 - 5

HMIS® III* HAZARDOUS WARNINGS:

Health: 2*	Flammability: 3	Physical: 0	Personal Protective Equipment:	See Section 8
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* See www.paint.org/hmis or call the ACA at 1 (202) 462-6272 for more information on this current rating system.

4. FIRST AID MEASURES

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.

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.

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.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Keep the victim warm and quiet. Seek immediate medical attention.

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. This material is an aspiration hazard. This material (or a component) may cause acidosis. Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should be used only in situations of emergency life support. Aspiration during swallowing or vomiting may severely damage the lungs. 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

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. "Empty" containers retain product residue and can be dangerous.

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.

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. Ventilate contaminated area. If runoff occurs, notify authorities as required. Remove all sources of ignition.

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. If ventilation is not sufficient, wear proper respiratory equipment. Avoid prolonged or repeated contact with skin. Avoid prolonged or repeated breathing of vapor. Normal precautions common to safe manufacturing practice should be followed in handling and storage. 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: Keep container tightly closed when not in use. Store in a cool, dry, well ventilated area away from all sources of ignition. Keep away from heat, sparks and flame. Normal precautions common to safe manufacturing practice should be followed in handling and storage. 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 SDS (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. 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.

<u>COMPONENT</u>	<u>CAS #</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER</u>
solvent naphtha (petroleum), heavy aliph.	64742-96-7	Not established	Not established	Not established
Distillates (petroleum), hydrotreated light	64742-47-8	Not established	500 ppm	Not established
Xylene	1330-20-7	150 PPM STEL; 651 MG/M3 STEL	Not established	100ppm
Glycol ether	112-34-5	20ppm	50ppm	35ppm TWA (Mfg. recommend)
Aliphatic hydrocarbons	142-82-5	400 ppm TWA	Not established	Not established
Dimethyl carbinol	67-63-0	400 ppm	Not established	500 ppm STEL
Ethyl benzene	100-41-4	20 ppm TWA	100ppm TWA	100ppm 10 hr-TWA (NIOSH)
Toluene		Not established	Not established	Not established
Citrus distillates	5989-27-5	20 ppm TWA	Not established	Not established
CHRLSNXMESX1		Not established	Not established	Not established

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Bulk liquid	Lower Flammability Limit (%):	0.6
Appearance:	Clear Colorless	Upper Flammability Limit (%):	24.6
Odor:	Petroleum solvent	Vapor Pressure (PSIG @ 70°F):	No data available
Odor Threshold:	Mild	Vapor Density [air = 1]:	>1
pH:	Not applicable	Relative Density (H2O=1):	0.87
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):	19.4	Autoignition Temperature (°F):	442
Evaporation Rate:	Not determined	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. Strong alkalis. Acetaldehyde. Acids. Ethylene oxide. Isocyanates.

Decomposition Products: Burning can produce the following combustion products: Carbon dioxide and carbon monoxide. Aldehydes. Various hydrocarbons.

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.

IARC Carcinogen Designation: No data available

Ingredient	CAS #	Toxicological Data
Distillates (petroleum), hydrotreated light	64742-47-8	Dermal LD50 Rabbit > 2000 mg/kg Oral LD50 Rat > 5000 mg/kg
		No data available
Xylenes	1330-20-7	Dermal LD50 Rabbit > 2000 mg/kg Oral LD50 Rat = 5000 mg/kg
		Inhalation LC50 Rat 5000 ppm
Glycol ether	112-34-5	Dermal LD50 Rabbit = 2700 mg/kg Oral LD50 Rat = 6560 mg/kg
		Inhalation LC50 (1h) Guinea pig > 633 ppm
Aliphatic hydrocarbons	142-82-5	Dermal LD50 Rabbit > 2000 mg/kg Oral LD50 Rat > 5000 mg/kg
		Inhalation LC50 (4h) Rat > 73.5 MG/L
Dimethyl carbinol	67-63-0	Dermal LD50 Rabbit > 12800 mg/kg Oral LD50 Rat = 5000 mg/kg
		Inhalation LC50 (4h) Rat > 40 MG/L
Ethyl benzene	100-41-4	Dermal LD50 Rabbit = 15433 mg/kg No data available
		Inhalation LC50 Mouse = 6.2 MG/L
Citrus distillates	5989-27-5	Dermal LD50 Rabbit = 5 g/kg Oral LD50 Rat > 5 g/kg
		No data available

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
Distillates (petroleum), hydrotreated light	64742-47-8	96HR LL50 Rainbow Trout 2 MG/L 48HR EL50 Daphnia 1.4 MG/L 72HR EL50 Algae 1 MG/L
Xylene	1330-20-7	Aquatic LC50 (96h) MINNOW 24 - 30 MG/L Aquatic LC50 (24h) Daphnia 100 - 1000 MG/L
		Code:
Glycol ether	112-34-5	Aquatic LC50 (96h) BI gill = 1300 MG/L Aquatic LC50 (24h) Daphnia = 2850 MG/L
		No data available
Aliphatic hydrocarbons	142-82-5	Aquatic LC50 (24h) Fish = 4 MG/L 48HR EC50 Daphnia = 1.5 MG/L 96HR EC50 Algae = 3.7 MG/L
		No data available
Dimethyl carbinol	67-63-0	Aquatic LC50 (96h) MINNOW = 9640 MG/L 24HR EC50 Daphnia > 10000 MG/L
		No data available
Ethyl benzene	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
		Aquatic LC50 (96h) MINNOW 1 - 1 MG/L 48HR EC50 Daphnia = 70 MG/L
Citrus distillates	5989-27-5	No data available

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	UN1268	Petroleum distillates, n.o.s. (contains Xylene)	3	II
IATA	UN1268	Petroleum distillates, n.o.s. (contains Xylene)	3	II
IMDG	UN1268	Petroleum distillates, n.o.s. (contains Xylene)	3	II

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

Toxic Substances Control Act

All components of this product are listed on the TSCA inventory.

California Prop 65



WARNING: This product can expose you to Ethyl benzene, which is(are) known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov. This product can expose you to Toluene, which is(are) known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

16. OTHER INFORMATION

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

Version Date: 08/07/22

This information contained in this SDS 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.