

Health	1
Fire	2
Physical	0
Pers. Protection	A

Material Safety Data Sheet

Supplied by:
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CHEMTREC 24-HOUR EMERGENCY RESPONSE

TOLL-FREE NUMBER: (800) 424-9300

CHEMTREC should be contacted only in the event of chemical accidents involving, fire, spill, exposure, or other emergency situations involving the chemical product described herein.

Section 1: Chemical Product Identification

PRODUCT NAME: **BUG & TAR REMOVER WIPES**

HMIS CODES

Health: 1 Flammability: 2 Physical: 0

Section 2: Composition and Information on Hazardous Ingredients

HAZARDOUS INGREDIENTS:

<u>CAS NUMBER</u>	<u>CHEMICAL NAME</u>	<u>WEIGHT %</u>	<u>OSHA PEL</u>	<u>ACGIH</u>	<u>OTHER</u>
				<u>TLV</u>	<u>LIMITS</u>
5989-27-5	d-Limonene	5 - 15	ND	ND	ND
64742-47-8	Hydrotreated light distillate, petroleum	5 - 15	ND	ND	ND
Mixture	Surfactants	< 3	ND	ND	ND

Section 3: Hazards Identification

SUMMARY OF ACUTE HAZARDS

<u>ROUTE OF EXPOSURE</u>	<u>SIGN AND SYMPTOM</u>	<u>PRIMARY ROUTE</u>
INHALATION:	MAY CAUSE LIGHT HEADACHES OR DIZZINESS	YES
EYE CONTACT:	MAY CAUSE IRRITATION	YES
SKIN CONTACT:	MAY CAUSE IRRITATION	YES
INGESTION:	MAY CAUSE STOMACH DISTRESS, NAUSEA, AND VOMITING	YES

SUMMARY OF CHRONIC HAZARDS:

Exposure to d-limonene and some petroleum distillates can result in skin irritation and contact dermatitis.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Pre-existing disorders of the skin, eyes, and respiratory tract may be exacerbated by exposure to d-limonene and some petroleum distillates.

Section 4: First Aid Measures

- **INHALATION: INHALATION:** Move to fresh air or provide fresh air by ventilation. If symptoms persist, seek medical attention.
- **EYE:** Remove any contact lenses and flush with running water for 15 minutes. Obtain medical attention if irritation persists.
- **SKIN:** Flush with water. Wash with soap and water. If irritation persists, seek medical attention. Wash contaminated clothing before reuse.
- **INGESTION:** Do not induce vomiting. Rinse mouth out. Obtain medical attention immediately. If unconscious, never give anything by mouth.

Section 5: Fire and Explosion Data

FLASH POINT °F: >120

EXTINGUISHING MEDIUM: Water, foam, carbon dioxide, dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: None known

UNUSUAL FIRE AND EXPLOSION HAZARDS: Hazardous combustion products may include and are not limited to oxides of carbon.

FLAMMABILITY LIMITS: LEL: ND UEL: ND

AUTO-IGNITION TEMPERATURE: NA

Section 6: Accidental Release Measures

PERSONAL PROTECTIVE EQUIPMENT: ND

MATERIAL RELEASED OR SPILLS: NA

Section 7: Handling and Storage

STORAGE: Keep out of reach of children. Store closed container upright away from incompatible materials and food. Do not store near heat, flame, sparks or other forms of ignition.

OTHER PRECAUTIONS: Do not re-use empty containers.

Section 8: Exposure Controls and Personal Protection

RESPIRATORY PROTECTION: None

ENGINEERING CONTROLS: General ventilation normally adequate. **SPECIAL:** NA **PROTECTIVE**

GLOVES: Not needed in normal use

EYE PROTECTION: Not required under normal conditions, but always advisable when using chemical products.

WORK/HYGENIC PRACTICES: Where use can result in skin contact, wash exposed area thoroughly before eating, drinking, smoking, or in food preparation. Launder contaminated clothing before re-use.

OTHER PERSONAL PROTECTION: As required by employer policies.

Section 9: Physical and Chemical Properties

ALL DATA IN THIS SECTION APPLIES TO THE LIQUID ABSORBED INTO THE WIPES. DATA FOR TOWLETTE AS SUPPLIED IN LISTED PRODUCT CODES IS UNKNOWN. HMIS FLAMMABILITY CODE 2 IS BASED ON FLASH POINT OF 113-121°F FOR d-LIMONENE.

APPEARANCE: Colorless, opaque

PHYSICAL STATE: Liquid

VAPOR PRESSURE (mmHg): ND

SOLUBILITY IN WATER: Dispersible

SPECIFIC GRAVITY: 0.90-1.00

PARTITION COEFFICIENT OF WATER/OIL DISTRIBUTION: ND

ODOR: Mild citrus

BOILING POINT (°F): > 200

VAPOR DENSITY (AIR=1): ND

MELTING POINT: NA

EVAPORATION RATE (ETHYL ACETATE =1): ND

pH: 6-8

Section 10: Stability and Reactivity

STABILITY: Stable.

CONDITIONS TO AVOID: None

HAZARDOUS DECOMPOSITION PRODUCTS: May include, but is not limited to oxides of carbon.

INCOMPATIBILITY: Oxidizers and reducers.

HAZARDOUS POLYMERIZATION: Will not occur.

Section 11: Toxicological Information

CARCINOGENICITY : NTP: No
REPRODUCTIVE TOXICITY: ND
SKINTEX DATA: ND

IARC MONOGRAPHS: No
TERATOGENICITY: ND

OSHA REGULATED: No
MUTAGENICITY: ND

There is no LD₅₀ or LC₅₀ information available for humans.

Section 12: Ecological Information

WATER FOWL TOXICITY	No data available for ingredients in this product.
BOD	No data available for ingredients in this product.
AQUATIC TOXICITY	No data available for ingredients in this product.

Section 13: Disposal Considerations

DISPOSAL METHOD: Dispose of in accordance with all local, state, and federal regulations.
CONTAINER DISPOSAL: Dispose of in accordance with all local, state, and federal regulations.

Section 14: Transport Information

DOT Proper shipping name: Not regulated.*
OCEAN (IMDG): Not regulated.*
AIR (IATA): Not regulated.*
WHMIS (CANADA): Not regulated.*
UN Number: None
NAFTA HS Code: 3402.20.5100

*Exempt under Part 172.102(c)47, Special Provisions

Section 15: Regulatory Information

TSCA: All ingredients are listed on the TSCA inventory.
SARA 313: None listed.
CERCLA RQ: NA.
RCRA CODE: NA.

Section 16: Other Information

THIS DOCUMENT IS PREPARED PURSUANT TO THE OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910. 1200).

LEGEND: ND = Not determined. NA = Not applicable.

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