



MATERIAL SAFETY DATA SHEET

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To Reorder Call:
800-323-2594

1. PRODUCT AND COMPANY IDENTIFICATION

FOR MEDICAL AND TRANSPORTATION EMERGENCIES
24 Hour INFOTRAC (US and CANADA): **800-535-5053**

PRODUCT NAME
UNITED 134 SOLAR GOLD Bug & Tar Remover

USE/DESCRIPTION
SOLAR GOLD Bug & Tar Remover

REVISION DATE
April 5, 2012

HMIS III HEALTH (0 = Maximum Safety) 1

Always follow Label Directions and Cautions.

* Chronic	2 Moderate
4 Severe	1 Slight
3 Serious	0 Minimal

See Hazards Identification Section of this MSDS for more detailed information.

PHYSICAL HAZARD (0 = Maximum Safety) 0

Susceptible to Release of Energy.

4 May detonate-vacate area if materials are exposed to fire.	2 Violent chemical change possible-use hose stream from distance
3 Strong shock of heat may detonate-use monitors from behind explosion resistant barriers.	1 Unstable if heated-use precaution.
	0 Normally stable.

FLAMMABILITY (0 = Maximum Safety) 2

Susceptibility of Material to Burning.

4 Extremely flammable	1 Must be preheated
3 Ignites at normal temperature.	to burn.
2 Ignites when moderately heated.	0 Will not burn.

PERSONAL PROTECTION: B



2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS#	%Range	ACGIH (TWA)	OSHA (PEL)	LD50 (Species/Route)	LC50 (Species)
d-1,8(9)-p-menthadiene	5989-27-5	10-50	NE	NE	NE	NE
Carbon Dioxide	124-34-9	~ 3	5000 ppm	5000 ppm	NE	NE

3. HAZARDS IDENTIFICATION

Eyes: May cause irritation.

Skin: Prolonged or repeated exposure can remove natural skin oils and may produce irritation. Some individuals may develop a rash or allergic reaction after prolonged skin contact.

Inhalation: Breathing fumes may irritate nose, throat, and lungs and may cause nausea.

Ingestion: Swallowing large amounts, more than a few ounces, may cause nausea, upset stomach and vomiting.

4. FIRST AID MEASURES

Eyes: Flush with plenty of tepid water for at least 15 minutes while holding eyelids open. Call a physician or poison control center immediately.

Skin: Wash with soap and water. If irritation persists, call a physician or poison control center.

Inhalation: Remove to fresh air. Apply CPR if needed. Call a physician or poison control center immediately.

Ingestion: DO NOT induce vomiting. Call a physician or poison control center immediately.

5. FIRE FIGHTING MEASURES

Flash Point (TCC): >135°F/57°C

Explosive Limits: Lower (LEL): 0.7% Upper (UEL): 6.1%

Flame Projection (Aerosol): NA

Hazardous Products of Combustion: When strongly heated, as in a fire, this product may produce oxides of carbon.

Fire and Explosion Hazards: Rags soaked with this product may spontaneously ignite; to avoid this danger, used rags should be soaked with water and/or stored in a container full of soapy water. Contents under pressure. Do not puncture. Exposure to temperatures above 120F/49C may cause bursting. In a fire, closed containers of this product may burst or rupture due to pressure build-up, greatly increasing the fire hazard. Containers should be cooled with water to prevent vapor pressure build-up.

Extinguishing Media: Dry chemical; Foam; Carbon dioxide (Do not use water except as a mist or foam, as it may spread the burning.)

Fire Fighting Instructions: It is always recommended to use SCBA with full-protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Small Spills: Eliminate all sources of ignition. Ventilate area. Absorb on inert, non-combustible material and place in suitable container for disposal.

Large Spills: Remove sources of ignition and ventilate area. Soak up with an inert non-combustible absorbent and place in designated disposal container. Wash area with suitable detergent and rinse well.

7. HANDLING AND STORAGE

Keep this product in properly labeled, tightly closed container. Store in a cool, dry, well-ventilated area away from sources of ignition. Exposure to temperatures above 120F/49C may cause bursting. Keep out of reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety glasses or goggles are recommended.

Skin: Rubber or neoprene gloves are recommended.

Respiratory: None required if good ventilation is maintained. If TLV is exceeded, use NIOSH-approved respirator for organic vapors.

Engineering Controls: Mechanical ventilation recommended when handling in enclosed/tight spaces.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: >250F/>121C **Specific Gravity:** 0.880 (H₂O=1) **Vapor Pressure:** ~1.0 mmHg @ 71F/23C **Melting Point:** ND

Vapor Density: ND **Evaporation Rate:** ND **Solubility in Water:** Miscible **PH:** NA

Appearance and Odor: Aerosol, Clear liquid with pale amber color and fresh citrus scent.

10. STABILITY AND REACTIVITY

Hazardous Polymerization: NA

Hazardous Decomposition: When strongly heated, as in a fire, this product may produce oxides of carbon.

Chemical Stability: Stable

Incompatibility: Avoid contact with strong acids and oxidizing agents.

11. TOXICOLOGICAL INFORMATION

Carcinogenicity (NTP/IARC/OSHA): None

California Proposition 65: Does this product contain chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm? None

12. ECOLOGICAL INFORMATION

ND

13. DISPOSAL CONSIDERATIONS

Consult your local, state and federal regulations for proper disposal guidelines. Disposal regulations may be different for each state and/or locality. Do not puncture container, wrap container and place in trash collection.

14. TRANSPORT INFORMATION

DOT: For ground shipping within the USA: Consumer Commodity, ORM-D

TDG: For IMDG water transportation: UN 1950, AEROSOLS, 2.2, LIMITED QUANTITIES

UN: Air Transportation: UN 1950, AEROSOLS, 2.2, LIMITED QUANTITIES

15. REGULATORY INFORMATION

VOC (Volatile Organic Compounds): 38.785%

TSCA (Toxic Substances Control Act): Listed

SARA Title III Section 302 EHS: None

SARA Title III Section 311/312: None

SARA Title III Section 313 Toxic Chemicals: None

WHMIS Classification:

This product has been classified in accordance with the hazard criteria of the CPR (Controlled Products Regulations/ WHMIS) and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

Read and follow all label directions and precautions before using this product. These products are intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF REACH OF CHILDREN.

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