



MATERIAL SAFETY DATA SHEET

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 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 145 WEED LASER

USE/DESCRIPTION
 Total Weed and Brush Killer

REVISION DATE
 July 19, 2010

HMIS III HEALTH (0 = Maximum Safety) 2

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) 1

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) 3

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 (TLV-TWA)	OSHA (PEL-TWA)	LD50 (Species/Route)	LC50 (Species)
Aromatic petroleum distillates	64742-94-5	65-80	NE	NE	NE	NE
Isopropyl alcohol	67-63-0	1- 5	200 ppm	400 ppm	NE	NE
Napthalene	91-20-3	1-7	10 ppm	10 ppm		
Propane/N-Butane	68476-86-8	20-30	1000 ppm	NE	NE	NE

3. HAZARDS IDENTIFICATION

Eyes: May cause irritation and redness.

Skin: May cause irritation and redness.

Inhalation: May cause dizziness. Excessive exposure may lead to unconsciousness.

Ingestion: May cause nausea, vomiting, and/or stomach discomfort. Possible aspiration hazard, may cause inflammation of the lungs.

4. FIRST AID MEASURES

Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Skin: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Inhalation: Move person to fresh air. If breathing has stopped, call 911 or an ambulance., then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison center or doctor for treatment advice.

Ingestion: Call a poison control center or doctor immediately for treatment advice. DO NOT give any liquid to the person. Do not induce vomiting unless told to do so by the poison center or doctor. Do not give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

Flash Point (TCC): < 100°F/ <37.7°C

Explosive Limits: Lower (LEL): 0.8 Upper (UEL): 5.9

Flame Projection (Aerosol): Flammable per 16 CFR 1500.3 and 1500.45.

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

Fire and Explosion Hazards: Exposure to temperatures above 120°F/49°C may cause bursting. May develop a flammable atmosphere in confined areas.

Extinguishing Media: Water fog, Foam, Carbon dioxide, Dry chemical.

Fire Fighting Instructions: Wear self-contained breathing apparatus w/full protective clothing. Cool fire exposed containers with water fog.

6. ACCIDENTAL RELEASE MEASURES

Small Spills: Soak up with inert absorbent material and store in a properly labeled closed container for disposal. Wash spill area with detergent and water.

Large Spills: Remove sources of ignition and ventilate area. Soak up with inert absorbent material and store in a properly labeled closed container for disposal. Wash spill area with detergent and water.

7. HANDLING AND STORAGE

Store in a cool, dry place away from sources of ignition and heat. Do not puncture or incinerate container. Use with adequate ventilation. Wash face and hands with soap and water after use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety glasses are recommended.

Skin: Chemical resistant gloves recommended.

Respiratory: None required if good ventilation is maintained. If TLV is exceeded, use NIOSH/MSHA approved respirator for organic vapor cartridge and pesticide pre-filter to avoid breathing spray mists if necessary.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: >350°F/176°C **Specific Gravity:** 0.89 (H₂O=1) **Vapor Pressure:** <5 mmHg **Melting Point:** NA
Vapor Density: > 4 (Air=1) **Evaporation Rate:** <1 (BA=1) **Solubility in Water:** Insoluble **pH:** NA
Appearance and Odor: Aerosol, brown color with petroleum scent.

10. STABILITY AND REACTIVITY

Hazardous Polymerization: Will not occur.

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

Chemical Stability: Stable

Incompatibility: Oxidizing agents such as bleach.

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? Yes - Naphthalene CAS# 91-20-3

12. ECOLOGICAL INFORMATION

ND

13. DISPOSAL CONSIDERATIONS

Consult your local, state and federal regulations for proper disposal guidelines. Do not puncture or incinerate containers. Disposal regulations may be different for each state and/or locality. Aerosol cans when vented to atmospheric pressure through normal use pose no disposal hazard.

14. TRANSPORT INFORMATION

DOT: Available upon request

TDG: Available upon request

UN: Available upon request

15. REGULATORY INFORMATION

VOC (Volatile Organic Compounds): 98% by weight

TSCA (Toxic Substances Control Act): ND

SARA Title III Section 302 EHS: ND

SARA Title III Section 311/312: ND

SARA Title III Section 313 Toxic Chemicals: Naphthalene CAS# 91-20-3

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.

UNITED 145 WEED LASER

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