UNITED 144



MATERIAL SAFETY DATA SHEET

320 37th Avenue, St. Charles, Illinois 60174 • 214 Dolomite Drive, Downsview, Ontario M3J 2N2 www.unitedlabsinc.com

1

To Reorder Call: 800-323-2594

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME USE/DESCRIPTION UNITED 144 SMART LASER Selective Herbicide

FOR MEDICAL AND TRANSPORTATION EMERGENCIES 24 Hour INFOTRAC (US and CANADA): 800-535-5053 **REVISION DATE** June 22, 2010

HMIS III HEALTH (0 = Maximum Safety)

Always follow Label Directions and Cautions.

* Chronic 4 Severe 3 Serious 0 Minimal

See Hazards Identification Section of this MSDS

for more detailed information.

FLAMMABILITY (0 = Maximum Safety)

Susceptibility of Material to Burning.

4 Extremely flammable. 1 Must be preheated

3 Ignites at normal temperature.
2 Ignites when moderately heated.
0 Will not burn.

PHYSICAL HAZARD (0 = Maximum Safety)

Susceptible to Release of Energy.

4 May detonate-vacate area if materials are exposed to fire.

3 Strong shock of heat may detonate-use monitors from

behind explosion resistant

2 Violent chemical change possible-use hose stream from distance

1 Unstable if heated-use precaution.

Normally stable.

2

PERSONAL PROTECTION: p&n



2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS#	%Range	ACGIH (TLV-TWA)	OSHA (PEL-TWA)	LD50 (Species/Route)	LC50 (Species)
Dimethylamine Salt of 2,4-dichlorophenoxyacetic acid	2008-39-1	0.326	NE	10 mg/m3	NE	NE
Dimethylamine Salt of 2-(2- Methyl-4-Clorophenoxy) Propionic acid	66423-09-4	0.164	NE	NE	NE	NE
Dimethylamine Salt of 2-(2,4- Dichlorophenoxy) Propionic acid	10486-87-0	0.161	NE	NE	NE	NE
Liquid petroleum gas	68476-86-8	NR	1000 ppm	1000 ppm	NE	NE

3. HAZARDS IDENTIFICATION

Eyes: Minimally irritating. Vapors and mist may cause irritation.

Skin: Minimally irritating. Overexposure by skin absorption may cause symptoms similar to ingestion.

Inhalation: Harmful if inhaled. May cause symptoms similar to ingestion.

Ingestion: Harmful if swallowed. May cause nausea, vomiting, abdominal pain, muscle weakness, and fall in blood pressure or myotonia (prolonged muscular spasm) under extreme conditions.

4. FIRST AID MEASURES

Eyes: Flush eyes and under eyelids with plenty of water for at least 15 minutes. Remove contact lenses if present, after the first 5 minutes, the 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

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.

If Swallowed: Call a poison control center or doctor immediately for treatment advice. Have person slip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. DO NOT give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

Flash Point (TCC): NA (tested using the liquid component) Explosive Limits: Lower (LEL): ND Upper (UEL): ND 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 oxides of nitrogen, hydrogen chloride, and chlorine gas.

Fire and Explosion Hazards: May produce toxic and noxious fumes under extreme fire conditions. Contain runoff to prevent contamination of public water systems.

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

- 1 -

0

6. ACCIDENTAL RELEASE MEASURES

Small Spills: Ventilate area and contain spill. 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: Ventilate area and contain spill. 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 contaminate food, feed or seed by storage or disposal. Do not puncture or incinerate container. Keep out of reach of children. Wash hands and face with soap and water after using this product. Remove contaminated clothing immediately and launder before reusing. Do not allow people or pets on treatment areas during application or until spray has dried. NFPA 30 B Storage Code: Level 1.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety goggles 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: Provide adequate ventilation and local exhaust is generally adequate.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: NDSpecific Gravity: 1.008 * (H2O=1)Vapor Pressure: NDMelting Point: NDVapor Density: NDEvaporation Rate: NDSolubility in Water: SolublepH: 8.5 – 10 *

Appearance and Odor: Aerosol, white foaming liquid with characteristic amine odor *.

10. STABILITY AND REACTIVITY

Hazardous Polymerization: Will not occur.

Hazardous Decomposition: When strongly heated, as in a fire, this product may produce oxides of nitrogen, hydrogen chloride and

chlorine gas.

Chemical Stability: Stable

Incompatibility: Avoid strong oxidizers, bases and acids.

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. 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:** Availabale upon request

15. REGULATORY INFORMATION

VOC(Volatile Organic Compounds): ND TSCA (Toxic Substances Control Act): ND SARA Title III Section 302 EHS: No SARA Title III Section 311/312: No

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.

^{*} Tested using the liquid component.