



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 158 BUG DEETERER

USE/DESCRIPTION
 Deeter Insect Spray

REVISION DATE
 May 16, 2008

HEALTH (0 = Maximum Safety)

Always follow Label Directions and Cautions.

4 Extreme 3 High 2 Moderate 1 Slight 0 Minimal

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

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REACTIVITY (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 barriers.
 2 Violent chemical change possible-use hose stream from distance
 1 Unstable if heated-use precaution.
 0 Normally stable.

0

FLAMMABILITY (0 = Maximum Safety)

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.

4

PERSONAL PROTECTION: 0



2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS#	%Range	ACGIH (TLV-TWA)	OSHA (PEL-TWA)	LD50 (Species/Route)	LC50 (Species)
Isopropyl alcohol	67-63-0	30-40	400 ppm 983 mg/m3	400 ppm 980 mg/m3	NE	NE
Liquefied petroleum gas	68476-85-7	20-25	NE	NE	NE	NE
DEET (N,N Diethyl-m-toluamide)	106-97-8	25	1000 ppm 1800 mg/m3	1000 ppm 1800 mg/m3	NE	NE
N-Octyl bicycloheptene dicarboximide	113-48-4	5	NE	NE	NE	NE
Di-n-Propyl Isocinchomeronate	136-45-8	2.5	NE	Ne	NE	NE
Di-methyl Ketone	67-64-1	1-5	500 ppm 1188 mg/m3	1000 ppm 2400mg/m3	NE	NE

3. HAZARDS IDENTIFICATION

Eyes: Causes substantial but temporary eye injury. Do not spray on face.

Skin: Do not apply over irritated skin. Prolonged contact on skin may cause irritation.

Inhalation: Excessive breathing of vapor or spray mists may produce dizziness, nausea, headaches, incoordination and other CNS effects. May cause peripheral nervous system disorder and/or damage.

Ingestion: Harmful if swallowed. Aspiration hazard, can enter lungs during swallowing or vomiting and cause damage.

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 victim 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 sip a glass of water if able to swallow. DO NOT induce vomiting unless told to do so by a poison control center or a doctor. Do not give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

Flash Point (TCC): 73°F/23°C

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 carbon monoxide, carbon dioxide, and nitrogen oxides.

Fire and Explosion Hazards: Contents under pressure. Do not expose aerosols to temperatures above 130°F/54°C, cans may burst, rupture or vent. Forceful impacts can cause damage to aerosol unit and may cause a bursting or explosion hazard.

Extinguishing Media: Foam, Carbon dioxide, Dry chemical.

Fire Fighting Instructions: Wear self-contained breathing apparatus w/full protective clothing. Containers should be cooled with water to prevent vapor pressure build up. Treat as an oil fire.

6. ACCIDENTAL RELEASE MEASURES

Small Spills: Remove sources of ignition and ventilate area. Soak up with an inert absorbent like clay or mineral sorbents and place in designated disposal container.

Large Spills: Remove sources of ignition and ventilate area. Soak up with an inert absorbent like clay or mineral sorbents and place in designated disposal container. Isolate area. Disperse vapors with water spray. prevent runoff into public areas.

7. HANDLING AND STORAGE

Store in a cool, dry place in a well ventilated area away from sources of ignition. Contents under pressure – DO NOT puncture or incinerate container. Avoid contact with eyes and skin. Remove contaminated clothing immediately and wash thoroughly with soap and water before reusing. Do not expose to temperatures above 130°F/54°C.

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 approved respirator.

Engineering Controls: Provide adequate ventilation and local exhaust is generally adequate.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: NA

Specific Gravity: 0.889 (H₂O=1)

Vapor Pressure: ND

Melting Point: ND

Vapor Density: > Air

Evaporation Rate: ND

Solubility in Water: Negligible

pH: NA

Appearance and Odor: Aerosol, clear, colorless spray mist with pleasant fragrance.

10. STABILITY AND REACTIVITY

Hazardous Polymerization: Will not occur.

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

Chemical Stability: Stable

Incompatibility: Avoid oxidizing agents 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: Available upon request

15. REGULATORY INFORMATION

VOC(Volatile Organic Compounds): <64.0 %

TSCA (Toxic Substances Control Act): ND

SARA Title III Section 302 EHS: NO

SARA Title III Section 311/312: Yes

SARA Title III Section 313 Toxic Chemicals: Di-n-propyl Isocinchomeronate CAS#136-45-8 2.5%, Isopropyl alcohol CAS#67-63-0 37.5%

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 158 BUG DEETERER

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