

MSDS Ben's 30

**TENDER CORPORATION**  
P.O. BOX 290  
LITTLETON, NH 03561  
**MATERIAL SAFETY DATA SHEET**

**SECTION I: PRODUCT IDENTIFICATION**

<b>Manufacturer's Name/Non-Emergency Phone No:</b> Tender Corporation (603) 444-5464	<b>Emergency Phone Number</b> ChemTrec: (800) 424-9300	<b>Medical: Poison Control Center Information:</b> (800) 258-4696
<b>Product Trade Name</b> Ben's 30 Wilderness Formula, Eco-Spray EPA Reg. No. 56575-11	<b>Chemical Name</b> N/A: Proprietary Formula containing Deet	
<b>Chemical Family</b> N/A: Proprietary Formula	<b>Molecular Formula</b> N/A: Proprietary Formula	

**SECTION II: HAZARDOUS INGREDIENTS**

Component Name	CAS Number	Percent by weight	Exposure Limits ACGIH(TLV) / OSHA(PEL)
Dipropylene Glycol Methyl Ether	34590-94-8	Proprietary	PEL: 100 ppm TWA; 150 ppm STEL
Propylene Glycol	57-55-6	Proprietary	Not Determined
Ethyl Lactate	97-64-3	Proprietary	Not Determined

**OTHER IMPORTANT INGREDIENTS:**

This product contains 30.0% Deet [N, N-diethyl-m-toluamide] and Other Isomers (CAS Number 134-62-3).  
It is regulated by EPA (FIFRA) as a pesticide.

**SECTION III: PHYSICAL DATA**

<b>Appearance</b> Clear colorless liquid	<b>Odor</b> Insecticidal (Deet)	<b>Specific Gravity(H<sub>2</sub>O=1)@25°C</b> 1.01 gm/ml or 8.462 lb/gal	<b>Solubility in Water</b> Not Soluble
<b>Boiling Point</b> Not Applicable	<b>Melting Point</b> Not Applicable	<b>Vapor Pressure</b> Not Applicable	<b>Vapor Density</b> Not Applicable
<b>Viscosity</b> Not Applicable	<b>Evaporation Rate</b> Not Applicable	<b>pH</b> 4-8	<b>Percent Volatile</b> Not Applicable

**SECTION IV: FIRE AND EXPLOSION HAZARD DATA**

<b>Flash Point:</b> > 212°F (> 100°C)	<b>Flammable Limits:</b> Not Applicable
<b>Fire Extinguishing Media:</b> Use extinguishing media appropriate for surrounding fire: dry chemical, or CO <sub>2</sub> extinguishers, alcohol-type foam or water spray are recommended.	
<b>Special Fire-Fighting Procedures:</b> Fire fighters should use self-contained breathing apparatus (pressure-demand MSHA/NIOSH approved or equivalent) and full protective gear. Remove all unprotected persons from the area. Products of combustion from fires involving this product may be toxic. Avoid breathing smoke and mists. Avoid personnel and equipment contact with fallout and runoff. Minimize the amount of water used for fire fighting. Contain and isolate runoff and debris for proper disposal. Decontaminate personal protective equipment and fire fighting equipment before reuse.	
<b>Unusual Fire and Explosion Hazards:</b> Toxic fumes from burning containers and packaging may cause inhalation hazard.	

**SECTION V: HEALTH HAZARD DATA**

<b>Threshold Limit Value:</b> Not Determined	<b>Primary Route of Exposure:</b> Dermal, oral
<b>Effects of Overexposure</b>	
<b>Note: This hazard evaluation is based on information from component products.</b>	
<b>Eye Contact:</b> Causes substantial but temporary eye injury. Do not get in eyes. In animal studies, product produced corneal involvement or irritation clearing in 8 to 21 days.	<b>Skin Contact:</b> Do not apply over cuts, wounds or irritated skin. May cause skin reactions in rare cases. In animals studies the score was 0.7; slight irritation at 72 hours. Not a skin irritant.
<b>Dermal Toxicity:</b> None known. LD <sub>50</sub> > 5.0 g/kg.	<b>Respiration/Inhalation:</b> None known. LC <sub>50</sub> > 4.54 mg/L
<b>Ingestion:</b> Harmful if swallowed. LD <sub>50</sub> > 5.1 (male) and 4.665 (female) g/kg.	<b>Carcinogenicity:</b> Not suspected

MSDS.Ben's 30 Wildness Formula Eco-Spray.doc

Page 2 of 2

Date Issued: April 9, 2002

Emergency and First Aid Procedures	
<b>Eye Contact:</b> Hold eyelids open and flush with a steady gentle stream of water for 15 minutes. Get medical attention.	<b>Skin Contact:</b> If you suspect you or your child is reacting to this product, wash treated skin and call your local poison control center. If you go to a doctor, take this repellent with you.
<b>Ingestion:</b> Call a physician or poison control center. Do not induce vomiting. Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol.	<b>Inhalation:</b> Seek fresh air.

**SECTION VI: REACTIVITY DATA**

<b>Stability:</b> Stable	<b>Conditions to Avoid:</b> Extreme temperatures, static discharge
<b>Incompatibility (Materials to Avoid):</b> Oxidizing agents	<b>Hazardous Decomposition Products:</b> Carbon dioxide, carbon monoxide, oxides of nitrogen and other toxic gasses
<b>Hazardous Polymerization:</b> Will not occur	

**SECTION VII: SPILL OR LEAK PROCEDURES**

<b>Steps to be Taken in Case Material is Released or Spilled:</b> Do not contaminate soil or surface/ground water. Contain the spill and prevent this product from reaching surface waters or other water supplies. Soak up the spill with an appropriate absorbent material and transfer into suitable waste containers for disposal. Clean the spill area with detergent and water. Prevent runoff from entering drains, sewers, streams or other waters.
<b>Waste Disposal Method:</b> This product is not a hazardous solid waste as defined in Resource Conservation Recovery Act Regulations (40 CFR 261). Dispose of partially filled and empty containers by wrapping and discarding in trash. Do not reuse any empty containers. Contaminated absorbent and wash water should be disposed of according to local, state and Federal regulations.

**SECTION VIII: SPECIAL PROTECTION INFORMATION**

<b>Respiratory Protection:</b> None required	<b>Ventilation:</b> Normal	<b>Protective Clothing:</b> None required
--	----------------------------	---

**SECTION IX: SPECIAL PRECAUTIONS**

**Precautions to be Taken in Handling and Storing:** *It is a violation of Federal law to use this product in a manner inconsistent with it's labeling.* Read entire label before using. Use strictly in accordance with label precautionary statements and directions. Store in clean, dry place. Protect container from rupture during transport and storage. Keep product in its original container. Do not contaminate food or feed.

**SECTION X: REGULATORY INFORMATION**

<b>SARA (Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372):</b> Not Listed		
<b>RCRA/CERCLA Hazardous Substances (40 CFR 302):</b> Not Listed		
<b>California Proposition 65:</b> Not Listed		
<b>Pennsylvania Right-to-Know Hazardous Substances list:</b> This product contains Propylene Glycol (CAS# 57-55-6), a reportable chemical.		
<b>TSCA:</b> This product contains four proprietary components listed on the TSCA Inventory list		
<b>DOT Information:</b> Not considered hazardous by DOT regulations.		
<b>DOT Shipping Name:</b> Consumer Commodity	<b>DOT Hazard Class:</b> ORM-D	<b>DOT Identification Number:</b> None
<b>NEPA</b>	<b>Flammability:</b> 1	<b>Reactivity:</b> 0
<b>Health:</b> 1		
<b>Special:</b> None		

4=extreme 3=High 2=Moderate 1=Slight 0=Insignificant

**Revision:** This rescinds MSDS dated 10/00

The information provided herein was believed to be accurate, to the best knowledge of Tender Corporation, at the time of preparation from a compilation of sources believed to be reliable and is furnished without warranty, expressed or implied. It is the responsibility of the user to investigate and understand other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling, storage and use of this product and to determine the suitability of the product for its intended use. This data sheet relates only to the specific product listed and does not relate to use in combination or in any process with other materials.