

Material Safety Data Sheet

Section 1 – Chemical Product and Company Identification

Product Name: Ready To Use RO-PEL Deer & Rabbit Repellent		Product ID #: PIN:
Identifier: EPA REG. No. 8119-8-1663		
Distributor: Grant Laboratories, Inc. 14688 Washington Avenue San Leandro, CA 94578	Emergency Telephone Number: 1-800-858-7378	
Proper Shipping Name: Agricultural Insecticide NOI, liquid		
NFPA Rating: Health = 1; Fire = 0; Reactivity = 0		

Section 2 – Composition/Information on Ingredients

Hazardous Components	Percent in Product	CAS #	OSHA PEL	ACGIH TLV
Ammonium soaps of higher fatty acids	<1.0	mixture	Not Determined	Not Determined

Section 3 - Health Hazard Data

Route(s) of Entry:	Inhalation? Yes	Skin? Yes	Ingestion? Yes
<p>Eye Contact: May cause irritation. Skin Contact: Repeated or prolonged skin contact may cause irritation. Inhalation: Avoid breathing vapors. Ingestion: This product contains ammonium soaps of higher fatty acids. Non-Human Toxicology Data: NA</p>			
Carcinogenicity: No Data.	NTP: No Data	IARC Monographs: None	OSHA Regulated: See Section 2
Signs and Symptoms of Exposure: Ammonia vapors can cause eye and skin irritation.			
Preexisting Conditions Aggravated by Exposure: Irritation of skin or eye. Gastrointestinal disorders.			
Emergency and First Aid Procedures:			
<p>If Swallowed: Call 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 the poison control center or doctor. Do not give anything by mouth to an unconscious person. If Inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth to mouth, if possible. Call a poison control center or doctor for further treatment advice. If On Skin or Clothing: 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. If In 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.</p>			

Section 4 - Fire and Explosion Hazard Data

Flammability	No	Special Fire Fighting Methods:	None
Conditions of Flammability: Not flammable.			
Extinguishing Media: CO2, Foam, Dry chemical, Water			
Flash Point	Not Applicable	Upper Flammable Limit	Not Applicable
Unusual Fire Hazards	Not Applicable	Lower Flammable Limit	Not Applicable
Auto ignition Temperature (°C)	Not Applicable	Explosion Data	Not Applicable
Sensitivity to Impact	Not Applicable	Sensitivity to Static Discharge	Not Applicable

Section 5 - Physical/Chemical Characteristics

Physical State	liquid	Specific Gravity (H ₂ O = 1)	Not Available
Vapor Pressure (mm Hg @ 25C)	Not Available	Melting Point	Not Available
Vapor Density (AIR = 1)	Not Available	Evaporation Rate	Not Available
Boiling Point	Not Available	Odor Threshold (mg/m ³)	0.0266 ammonia
pH	Not Available	Oct./H ₂ O partition coeff.	Not Available
Freezing point	Not Available	Solubility in Water	100%
Appearance	Brown liquid	Smell	ammonia

Section 6 - Reactivity Data

Conditions to Avoid: Heat. Volatilization of ammonia could cause respiratory distress.			
Stability	Stable	Hazardous Polymerization	Will Not Occur
Incompatibility (Materials to Avoid): Acids.			
Hazardous Decomposition or Byproducts: Heat will liberate ammonia and oxides of nitrogen.			

Section 7 – Personal Protection

Respiratory Protection: If vapors become irritating use NIOSH approved respirator with ammonia cartridge.	
Protective Gloves: Impervious gloves	Eye Protection Avoid eye contact. Use safety glasses.
Other Protective Clothing: Overalls or long pants and shirts as needed. Wash after use.	

Section 8 – Accidental Release Measures

Spill Response: Use authorized absorbent material. Avoid breathing ammonia vapors during cleanup. Wear protective gloves, eyewear, respirator and clothing. Use care not to contaminate area-use appropriate labeled containers. Follow appropriate OSHA (29 CFR 1910.120) State and local regulations.

Waste Disposal Method: Follow Federal, State and Local laws. Do not reuse containers.

Section 9 – Special Precautions / Handling

Storage Precautions: Store in cool, dry, locked area without direct sunlight in original container. Prevent exposure to children or pets. Avoid contamination of feed, seed, fertilizers and foodstuffs. Protect from freezing.

Work/Hygienic Practices: Avoid contact with eyes, skin or clothing. Avoid breathing vapors. Use NIOSH approved respirator with ammonia canister if needed for vapors. Clean contaminated clothing before reuse.

Section 10-Transportation Requirements

DOT Classification: Not regulated in containers under 1000 lbs.	DOT Proper Shipping Label Agricultural Insecticide NOI	DOT Proper Placard Requirement: Not Applicable
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Section 11-Other Information

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