



753146 Alberta Ltd. o/a Ultrasol Industries
10755 69 Avenue NW
Edmonton, AB T6H 2C9
780-432-6535

Item #77100 Doktor Doom Ant Nest and Ant Killer 375 Gram BOV PCP Act# 31277

CODE: 166(M)15S04

Section 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identity..... Doktor Doom Ant Nest and Ant Killer 375 Gram BOV PCP Act# 31277
Product Item Numbers..... 77100
Manufacturer Name and Address..... 753146 Alberta Ltd. o/a Ultrasol Industries
10755 69 Avenue NW
Edmonton, AB T6H 2C9
780-432-6535

24 hour emergency telephone number..... CANUTEC: (613)-996-6666 collect.
Recommended Use..... Insecticide.
Consumer Commodity..... Yes.
Hazard Ratings:
HMIS..... Health:2 Fire:3 Reactivity:0.
NFPA Rating..... Health: 2 Fire: 3 Reactivity: 0.

Section 02: HAZARDS IDENTIFICATION

Emergency Overview..... Contents under pressure. May cause skin and eye irritation.
Potential Health Effects:
Eye Contact..... May cause irritation, redness and pain.
Skin Contact..... May cause skin irritation. Prolonged or repeated contact may dry the skin. Passage of this material into the body through the skin is possible, but it is unlikely that this would result in harmful effects during safe handling and use.
Ingestion..... Ingestion may cause vomiting and weakness. Small amounts of this product aspired into the respiratory during ingestion or vomiting may cause mild to severe lung injury.
Inhalation..... Avoid breathing mist, may cause respiratory tract irritation. Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful.

Section 03: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS #	Wt. %
Pyrethrin	8003-34-7	<0.1
Permethrin	52645-53-1	0.1-1
N-Octyl Bicycloheptene Dicarboximide	113-48-4	0.1-1
Odourless Mineral Spirits	64741-65-7	60-100

Section 04: FIRST AID MEASURES

Eye Contact..... Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention if irritation persists.
Skin Contact..... Remove contaminated clothing. Launder clothing before reuse. Wash exposed area with soap and water. If symptoms persist, seek medical attention.
Ingestion..... Immediately call a poison control centre or physician. Do not induce vomiting unless told to do so by a poison control centre or physician. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.
Inhalation..... If inhaled, remove to fresh air. If not breathing, give artificial respiration and obtain immediate medical assistance.
Additional Information..... Treat symptomatically and supportively. Contains material that is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting.

Section 05: FIRE FIGHTING MEASURES

General Information..... As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Vapours may form an explosive mixture with air. Vapours can travel to a source of ignition and flash back. Use water spray to keep fire-exposed containers cool. Containers may explode in the heat of a fire. Vapours may be heavier than air. They can spread along the ground and collect in low or confined areas.
Extinguishing Media..... Carbon dioxide, dry chemical, foam.
Hazardous Combustion Products..... Carbon dioxide, carbon monoxide. Hydrocarbons.

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Section 06: ACCIDENTAL RELEASE MEASURES

General Information..... Use proper personal protective equipment as indicated in Section 8.
 Spills and Leaks..... Large spills are not expected in aerosol spray. However, if occurred through manufacturing process, absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. A vapour suppressing foam may be used to reduce vapours. Remove all sources of ignition.

Section 07: HANDLING AND STORAGE

Handling..... Wash thoroughly after handling. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Empty containers retain product residue, (liquid and/or vapour), and can be dangerous. Keep container tightly closed. Avoid contact with heat, sparks and flame. Avoid ingestion and inhalation. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames.
 Storage..... Container is under pressure. Keep away from heat, sparks, and flame. Keep away from sources of ignition. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

Section 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

Protective Equipment
 Clothing/Type Wear adequate protective clothing to prevent skin contact.
 Eye/Type..... Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910. 133 or European Standard EN166.
 Footwear/Type..... No special equipment is necessary for this product.
 Gloves/Type..... Wear appropriate gloves to prevent skin exposure.
 Respiratory/Type..... Not normally required if good ventilation is maintained. NIOSH approved respirator recommended if vapours or mists are generated.
 Other/Type..... Not required.
 Engineering Controls..... Local exhaust ventilation required to maintain the point of use below the Threshold Limit Value if unprotected personnel are involved.

Exposure Limits

Ingredients	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL NIOSH
Pyrethrin	5 mg/m3	Not available	5 mg/m3	Not available	Not available
Permethrin	Not available	Not available	Not available	Not available	Not available
N-Octyl Bicycloheptene Dicarboximide	Not available	Not available	Not available	Not available	Not available
Odourless Mineral Spirits	Not available	Not available	Not available	Not available	Not available

Section 09: PHYSICAL AND CHEMICAL PROPERTIES

Physical State..... Continuous spray mist.
 Physical Appearance..... Clear mist.
 Odour..... Characteristic.
 Odour Threshold (ppm)..... Not available.
 Specific Gravity (g/ml)..... 0.730-0.770.
 Aerosol Vapour Pressure (psig, 21 deg. C)... 120 max.
 Vapour Density (Air=1)..... > 5.4.
 Evaporation Rate (n-Butyl Acetate = 1)..... > 1.
 pH..... Not applicable.
 Viscosity..... Not applicable.
 Initial Boiling Point/Boiling Range (° C)..... 188.
 Melting/Freezing Point (° C)..... < -60.
 Solubility in water..... Lightly miscible in water.
 Aerosol Flame Projection..... > 45 cm but < 100 cm.
 Flashback..... No.
 Flash Point (° C), Method..... 54. Closed cup.
 Auto Ignition Temperature (Propellant), ° C.. Not applicable.
 Lower Flammable Limit (% Vol)..... 1.2.
 Upper Flammable Limit (% Vol)..... 9.3.
 Coefficient of Water/Oil Distribution..... Not available.

Section 10: STABILITY AND REACTIVITY

Stability..... The product is stable at normal condition of use.
 Conditions to Avoid..... Excessive heat, ignition sources, and oxidizing materials.
 Incompatibility..... Strong Oxidizers.
 Hazardous Products of Decomposition..... By fire: Carbon dioxide, carbon monoxide.

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Section 10: STABILITY AND REACTIVITY

Hazardous Polymerization..... Will not occur.

Section 11: TOXICOLOGICAL INFORMATION

Route of Exposure..... Skin contact, Skin absorption, Eye contact, Inhalation, and Ingestion.
 Effects of Acute Exposure..... May cause dermatitis, irritation to eyes, dizziness, and vomiting.
 Effects of Chronic Exposure..... Avoid inhalation of product mist. Use in well ventilated conditions.
 Carcinogenicity of Material..... Not Classifiable as a Human Carcinogen.
 Reproductive Effects..... No information is available, and no adverse effects are expected.
 Teratogenicity..... No information is available, and no adverse effects are expected.
 Mutagenicity..... Permethrin did not produce any mutagenic effects when tested in the Ames assay, Chromosome aberration test or DNA damage test.

Toxicological Data

Ingredients	LC50-inh, rat	LD50-Oral,rat
Pyrethrin	Not available	2370 mg/kg (rat - oral), 2.0 g/kg (dermal - rabbit)
Permethrin	Not available	1030 mg/kg (rat - oral); >2000 mg/kg (rabbit - dermal)
N-Octyl Bicycloheptene Dicarboximide	>4.08 mg/l (rat - inh)	4980 mg/kg (rat - oral), 2000 mg/kg (rabbit - dermal)
Odourless Mineral Spirits	>5900 mg/m3 (rat- 4hrs)	>8000ml/kg (rat - oral)
Oral LD50-rat (Mixture, calculated):.....	>=7.51 g/Kg.	
Dermal LD50-rabbit (Mixture, calculated):.....	>=1.99 g/Kg.	
Inhalation LC50-rat 4hrs (Mixture, calculated):	Not available.	

Section 12: ECOLOGICAL INFORMATION

Environmental..... Product contains components which are toxic to fish and other aquatic invertebrates. Contaminated absorbent and wash water should be disposed of according to local, state/provincial and Federal/national regulations.
 Bioaccumulation Potential..... Not available.
 Other Adverse Effects..... No data available.
 Absorption Potential..... No data available.

Section 13: DISPOSAL CONSIDERATIONS

Appropriate Disposal Methods..... Dispose of in accordance with local, provincial and federal regulations.
 Other Special Cautions..... When container is empty, replace cap and offer for recycling. Where recycling is not available, securely wrap container in several layers of newspaper and discard in trash. Contaminated absorbent and wash water should be disposed of according to local, State, and Federal regulations.

Section 14: TRANSPORT INFORMATION

UN Number..... 1950.
 UN Proper Name..... AEROSOLS.
 Transport Hazard Classification..... 2.1.
 Packaging Group (if applicable) Not applicable.
 Limited Quantity..... None known.
 Guidance on air shipments..... None known.
 Guidance for marine shipments..... None known.
 Any Special Precautions..... Protect from freezing.

Section 15: REGULATORY INFORMATION

CEPA Status..... All components of this product are listed on the Domestic Substance List (DSL) .
 WHMIS Classification..... Not applicable.
 TSCA Inventory Status..... All components are listed on TSCA .
 OSHA..... Not applicable.
 SARA Section 313..... None.

Section 16: OTHER INFORMATION

Prepared by Regularity Affairs.
 Disclaimer..... This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR. THIS MSDS IS VALID FOR

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Section 16: OTHER INFORMATION

Disclaimer..... THREE YEARS. The information contained herein is based on data considered accurate. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Ultrasol Industries assumes no responsibility for personal injury or property damage to vendees or users or third parties, caused by the material. Such vendees or users assume all risks with the use of the material.

Preparation Date..... Oct21/13

Last Revision Date December 1, 2016. Valid for 3 years from date of issue.