



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

PRODUCT: Doktor Doom Supercharged Jet Foam- 544g (REG. 32070)

CODE: AE-100015

SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identity..... Doktor Doom Supercharged Jet Foam- 544g (REG. 32070)
Doktor Doom Pro Supercharged Jet Foam Wasp & Hornet Killer 544 Gram

Product Item Numbers..... 44808, 99101

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

24 hour emergency telephone number..... CANUTEC: (613)-996-6666 collect.

Recommended Use..... Insecticide Spray.

Consumer Commodity..... Yes.

Hazard Ratings:

HMIS..... Health: 1 Fire: 1 Reactivity: 0.

NFPA Rating..... Health: 1 Fire: 1 Reactivity: 0.

SECTION 02: HAZARDS IDENTIFICATION

Emergency Overview..... KEEP OUT OF REACH OF CHILDREN . Harmful if absorbed through skin. May cause skin and eye irritation. Avoid contact with skin, eyes, or clothing.

Potential Health Effects:

Eye Contact..... This product causes irritation, redness and pain.

Skin Contact Can cause skin irritation. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling.

Ingestion..... Harmful if swallowed. Small amounts of this product aspired into the respiratory during ingestion or vomiting may cause mild to severe lung injury.

Inhalation..... Excessive inhalation can cause nasal and respiratory irritation. Can cause headaches, dizziness, fatigue, lack of coordination, tremors and unconsciousness.

SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	WT. %
Ethyl alcohol	64-17-5	7-13
Isobutane	75-28-5	7-13
Propane	74-98-6	1-5
Pyrethrin	8003-34-7	0.01-0.1
Permethrin	52645-53-1	0.1-1
N-Octyl Bicycloheptene Dicarboximide	113-48-4	0.1-1

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..... Wash thoroughly with soap and lukewarm water. Get 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..... Note to the doctor; treat symptomatically.

SECTION 05: FIRE FIGHTING MEASURES

Flammability Class..... Non-Flammable.

Fire and Explosion Hazards..... Treat as an oil fire; wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved or equivalent) and full protective gear. Containers can build up pressure if exposed to heat (fire). Keep nearby containers cool with a water spray. Water runoff can cause environmental damage. Dike and collect water used to fight fire for proper disposal.

Extinguishing Media..... Wear NIOSH approved self-contained breathing apparatus or equivalent and full protective gear. Use water spray, foam, carbon dioxide, and dry chemical.

Sensitivity to Mechanical Impact..... No information available.

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Sensitivity to Static Discharge..... No information available.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Spills and Leaks..... Large spill or leak is unlikely in aerosol containers. If happens, eliminate all sources of ignition. Stop release, if possible without risk. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain the spill. Transfer into waste containers for proper disposal or for recycling. Soak up with absorbent such as vermiculite, sand, or earth. Take action to reduce vapours. Clean up the spill area with detergent and water.

SECTION 07: HANDLING AND STORAGE

Precautions for Safe Handling..... Take prudent precautions to avoid contact with skin, eyes, and clothing. Mechanical ventilation should be used when handling this product in enclosed spaces. Avoid breathing vapours or spray mists of this product. Do not contaminate water, food or feedstuffs, by storage, handling, or by disposal. Read and observe all precautions and instructions on the label.

Conditions for Safe Storage including any ... Keep container closed. Store in a cool, dry, well-ventilated area away from incompatible substances. Keep away from heat, sparks, and flame. Do not puncture or incinerate. Avoid contamination of food and feed.

Incompatibilities

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL NIOSH
Ethyl alcohol	1000 ppm	Not available	1000 ppm	Not available	1000 ppm
Isobutane	800 ppm	1000 ppm	800ppm	Not available	800 ppm (TWA)
Propane	2,500 ppm	Not available	1,000 ppm	Not available	1,000 ppm
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
Eye/Face Protection.....	Use safety goggles or full-face shield when there is a potential for eye contact.				
Skin Protection.....	Use rubber or latex gloves when there is a potential for prolonged or excessive skin contact.				
Respiratory Protection.....	Wearing a respirator is not normally required when handling this product. Use in well ventilated areas. Take prudent precautions to avoid breathing vapours and/ or spray mists of this product.				
Appropriate Engineering Controls.....	Local exhaust ventilation required to maintain the point of use below the Threshold Limit Value if unprotected personnel are involved.				
Exposure Limits					

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Physical State..... Aerosol.

Physical Appearance..... White foam.

Odour..... Characteristic.

pH..... 8.0 - 10.0.

Vapour Density (Air=1)..... Not available.

Evaporation Rate (n-Butyl Acetate = 1)..... < 1 (n-Butyl Acetate = 1).

Boiling Point (propellant), ° C..... - 12 ° C.

Boiling Point liquid (°C)..... 100C.

Melting/Freezing Point (°C)..... <0.

Auto Ignition Temperature (Propellant), °C... 462C.

Internal can pressure @ 21° C..... 50-60 psig.

Flash Point (Propellant), ° C..... -83° C (closed cup).

Aerosol Flame Projection..... 0 cm.

Flashback..... No.

Upper Flammable Limit (% Vol)..... Not applicable.

Lower Flammable Limit (% Vol)..... Not applicable.

Solubility in water..... Soluble in water.

Specific Gravity (Aerosol)..... 0.910 @ 21C.

Specific Gravity 0.960-1.000 @25C.

Viscosity..... N/A.

VOC Content..... 19.4 %Wt.

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Chemical Stability..... Stable at normal temperatures and pressures.
 Incompatible Materials..... Strong acids, bases, and oxidizing agents.
 Hazardous Decomposition Products..... May form carbon dioxide and carbon monoxide, various hydrocarbons.
 Possibility of Hazardous Reactions..... Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Ethyl alcohol	20,000 ppm (10 hrs, rat)	7,060 mg/kg (oral, rat)
Isobutane	658 mg/L (4hrs, rat)	Not available
Propane	>800,000 ppm (15 min, Rat)	Not available
Pyrethrin	Not available	2370 mg/kg (rat - oral), 2.0 g/kg (dermal - rabbit)
Permethrin	Not available	1.0 g/kg (rat - oral); >2.0 g/kg (rabbit - dermal)
N-Octyl Bicycloheptene Dicarboximide	>4.08 mg/l (rat - inh)	5.0 g/kg (rat - oral), 2.0 g/kg (rabbit - dermal)

Route of Exposure..... Eye contact, Skin contact, Skin absorption, Inhalation, and Ingestion.
 Effects of Acute Exposure..... No information is available.
 Chronic Effects..... None known.
 Carcinogenicity..... None known when used below acute toxicity limit.
 Reproductive Effects..... No information is available, and no adverse effects are expected.
 Teratogenicity..... No information is available, and no adverse effects are expected.
 Germ Cell Mutagenicity..... No information is available, and no adverse effects are expected.
 Toxicological Data
 Oral LD50-rat (Mixture, calculated):..... >= 69.6 g/Kg.
 Dermal LD50-rabbit (Mixture, calculated):..... >= 134.2 g/Kg.
 Inhalation LC50-rat 4hrs (Mixture, calculated): >= 332.4 mg/L.

SECTION 12: ECOLOGICAL INFORMATION

Data from Toxicity Tests..... Not available .
 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 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..... 2.2.
 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.

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SECTION 16: OTHER INFORMATION

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

Prepared by Ultrasol Industries

Latest Revision November 1, 2016 valid for 3 years from date of issue.