



753146 Alberta Ltd. o/a ULTRASOL INDUSTRIES
10755 - 69 AVENUE NW
EDMONTON, ALBERTA
CANADA T6H 2C9



ITEM #99204 & Item #99201 DOKTOR DOOM Wasp & Hornet Nest Annihilator II 450 Gram PCP Act #32170

Section 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER: 753146 Alberta Ltd. o/a Ultrasol Industries
10755- 69 Avenue NW
EDMONTON Alberta CANADA T6H 2C9 780-432-6535
CANUTEC EMERGENCY #: 1-613-996-6666 (24 HR)

PRODUCT NAME DOKTOR DOOM Wasp & Hornet Nest Annihilator II 450 Gram

PCP REGISTRATION NUMBER 32170

CHEMICAL FAMILY PERMETHRIN

MOLECULAR WEIGHT NOT APPLICABLE

CHEMICAL FORMULA NOT APPLICABLE

TRADE NAMES & SYNONYMS ITEM #99204 & Item #99201

PRODUCT USES WASP & HORNET NEST KILLER

Section 02: COMPOSITION/INFORMATION INGREDIENTS

CHEMICAL NAME	WT. %	CAS	EINECS
SUMITHRIN® (D-PHENOTHRIN)	0.125	26002-80-2	247-404-5
TETRAMETHRIN (NEO-PYNAMIN®)	0.2	7696-12-0	231-711-6
PETROLEUM DISTILLATES	50 - 95	64742-47-8	265-149-8

COMMENTS: INGREDIENTS NOT IDENTIFIED ARE PROPRIETARY OR NON-HAZARDOUS. VALUES ARE NOT PRODUCT SPECIFICATIONS.

Section 03: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
IMMEDIATE CONCERNS DANGER - EXTREMELY FLAMMABLE AEROSOL.
CONTENTS UNDER PRESSURE. DO NOT USE OR STORE NEAR HEAT, SPARKS, OPEN FLAME, OR ANY OTHER IGNITION
SOURCES. DO NOT EXPOSE TO TEMPERATURES ABOVE 130°F (54.4°C) AS BURSTING MAY OCCUR. HARMFUL
IF ABSORBED THROUGH THE SKIN. CAUSES MODERATE EYE IRRITATION. CONTAINS PETROLEUM DISTILLATES
- VOMITING MAY CAUSE ASPIRATION PNEUMONIA. AVOID CONTACT WITH SKIN, EYES, AND CLOTHING. DO NOT
PUNCTURE OR INCINERATE CONTAINER. FOLLOW THE "DIRECTIONS FOR USE" ON THE LABEL VERY CAREFULLY.

POTENTIAL HEALTH EFFECTS

EYES CAUSES MODERATE EYE IRRITATION.

SKIN CAN CAUSE SKIN IRRITATION. CAN CAUSE A BURNING OR PRICKLING SENSATION ON MORE SENSITIVE AREAS
(FACE, EYES, MOUTH).

SKIN ABSORPTION HARMFUL IF ABSORBED THROUGH THE SKIN.

INGESTION MAY BE HARMFUL IF SWALLOWED. SMALL AMOUNTS OF THIS PRODUCT ASPIRATED INTO THE RESPIRATORY
SYSTEM DURING INGESTION OR VOMITING MAY CAUSE MILD TO SEVERE LUNG INJURY.

INHALATION EXCESSIVE INHALATION OF MISTS CAN CAUSE NASAL AND RESPIRATORY IRRITATION.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

CHRONIC EFFECTS NONE KNOWN.

COMMENTS THIS MATERIAL IS CONSIDERED HAZARDOUS BY THE OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200).

Section 04: 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.

INGESTION IF SWALLOWED, IMMEDIATELY CALL A POISON CONTROL CENTER OR DOCTOR FOR TREATMENT ADVICE. DO NOT
GIVE ANY LIQUID TO THE PERSON. DO NOT INDUCE VOMITING UNLESS TOLD TO DO SO BY A POISON CONTROL CENTER
OR A DOCTOR. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

INHALATION REMOVE AFFECTED PERSON TO FRESH AIR. IF PERSON IS NOT BREATHING, CALL 911 OR AN AMBULANCE, THEN
GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH-TO-MOUTH IF POSSIBLE. CALL A POISON CONTROL CENTER OR
DOCTOR FOR FURTHER TREATMENT ADVICE.

NOTES TO PHYSICIAN CONTAINS PYRETHROIDS AND PETROLEUM DISTILLATES - VOMITING MAY POSE AN ASPIRATION PNEUMONIA
HAZARD. FOR SKIN EFFECTS, A HIGHLY EFFICIENT THERAPEUTIC AGENT FOR PYRETHROID EXPOSURE IS TOPICAL
APPLICATION OF TOCOPHEROL ACETATE (VITAMIN E).

Section 05: FIRE FIGHTING MEASURES

FLAMMABLE CLASS THIS AEROSOL IS CLASSIFIED AS EXTREMELY FLAMMABLE BY THE FLAME EXTENSION TEST METHOD DESCRIBED IN
16 CFR 1500.45.

EXTINGUISHING MEDIA FOAM, CARBON DIOXIDE OR DRY CHEMICAL.

HAZARDOUS COMBUSTION PRODUCTS UNDER FIRE CONDITIONS THIS PRODUCT WILL SUPPORT COMBUSTION AND MAY DECOMPOSE TO GIVE OFF TOXIC
GASES SUCH AS CARBON MONOXIDE, CARBON DIOXIDE, AND NITROGEN OXIDES.

EXPLOSION HAZARDS CONTENTS UNDER PRESSURE. EXPOSURE TO TEMPERATURES ABOVE 130°F (54.4°C) MAY CAUSE BURSTING.

FIRE FIGHTING PROCEDURES TREAT AS AN OIL FIRE. USE A FULL-FACED SELF-CONTAINED BREATHING APPARATUS ALONG WITH FULL PROTECTIVE
GEAR. KEEP NEARBY CONTAINERS AND EQUIPMENT COOL WITH A WATER STREAM.

SENSITIVITY TO IMPACT FORCEFUL IMPACTS CAN CAUSE DAMAGE TO AEROSOL UNIT AND MAY CAUSE A BURSTING OR EXPLOSION HAZARD.

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Section 06: ACCIDENTAL RELEASE MEASURES

SMALL SPILL	SHUT OFF IGNITION SOURCES. STOP RELEASE, IF POSSIBLE WITHOUT RISK. DIKE OR CONTAIN RELEASE, IF POSSIBLE, AND IF IMMEDIATE RESPONSE CAN PREVENT FURTHER DAMAGE OR DANGER. ISOLATE AND CONTROL ACCESS TO THE RELEASE AREA. TAKE ACTIONS TO REDUCE VAPORS. ABSORB WITH APPROPRIATE ABSORBENT. CLEAN SPILL AREA OF RESIDUES AND ABSORBENT.
LARGE SPILL	SHUT OFF IGNITION SOURCES. STOP RELEASE, IF POSSIBLE WITHOUT RISK. DIKE OR CONTAIN RELEASE, IF POSSIBLE, AND IF IMMEDIATE RESPONSE CAN PREVENT FURTHER DAMAGE OR DANGER. ISOLATE AND CONTROL ACCESS TO THE RELEASE AREA. TAKE ACTIONS TO REDUCE VAPORS. COLLECT PRODUCT INTO DRUMS, ETC. VIA DRAINS, PUMPS, ETC. ABSORB WITH APPROPRIATE ABSORBENT. CLEAN SPILL AREA OF RESIDUES AND ABSORBENT.
ENVIRONMENTAL PRECAUTIONS WATER SPILL	CONTAINS PYRETHROIDS 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.

Section 07: HANDLING AND STORAGE

GENERAL PROCEDURES	DO NOT USE OR STORE NEAR HEAT, SPARKS, OPEN FLAME, OR ANY OTHER IGNITION SOURCES.
HANDLING	CONTENTS UNDER PRESSURE - DO NOT PUNCTURE OR INCINERATE CONTAINER. DO NOT USE OR STORE NEAR HEAT, SPARKS, OPEN FLAME, OR ANY OTHER IGNITION SOURCES. TAKE PRUDENT PRECAUTIONS TO AVOID CONTACT WITH SKIN, EYES, AND CLOTHING. MECHANICAL VENTILATION SHOULD BE USED WHEN HANDLING THIS PRODUCT IN ENCLOSED SPACES. DO NOT CONTAMINATE WATER, FOOD OR FEEDSTUFFS BY STORAGE, HANDLING, OR DISPOSAL. READ AND OBSERVE ALL PRECAUTIONS AND INSTRUCTIONS ON THE LABEL.
STORAGE	STORE CONTAINERS UPRIGHT AND CLOSED. ALWAYS STORE PESTICIDES IN THE ORIGINAL CONTAINER. STORE AWAY FROM FOOD AND PET-FOOD. STORE IN AREAS THAT ARE COOL, DRY, AND WELL-VENTILATED. DO NOT EXPOSE TO TEMPERATURES ABOVE 130°F (54.4°C), AS BURSTING MAY OCCUR. DO NOT USE OR STORE NEAR HEAT, SPARKS, OPEN FLAME, NEAR ANY IGNITION SOURCES, OR NEAR STRONG ACIDS, BASES, AND OXIDIZERS. EMPTIED CONTAINERS MAY RETAIN PRODUCT RESIDUES. KEEP OUT OF REACH OF CHILDREN.

Section 08: EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		SUPPLIER-OEL	
		PPM	MG/M ³	PPM	MG/M ³	PPM	MG/M ³
SUMITHRIN® (D-PHENOTHRIN)	TWA	NONE		NONE		NONE	
TETRAMETHRIN (NEO-PYNAMIN®)	TWA	NONE		NONE		NONE	
PETROLEUM DISTILLATES	TWA	NONE		NONE		152 [1]	1200 [1]

OSHA TABLE COMMENTS 1. BASED ON TOTAL HYDROCARBON COMPOSITION.

ENGINEERING CONTROLS	MECHANICAL VENTILATION SHOULD BE USED WHEN HANDLING THIS PRODUCT IN ENCLOSED SPACES. LOCAL EXHAUST VENTILATION MAY BE NECESSARY.
PERSONAL PROTECTIVE EQUIPMENT	
EYES AND FACE	TAKE PRUDENT PRECAUTIONS TO AVOID CONTACT WITH EYES.
SKIN	TAKE PRUDENT PRECAUTIONS TO AVOID CONTACT WITH SKIN AND CLOTHING.
WORK HYGIENIC PRACTICES	DO NOT SMOKE, EAT, OR DRINK, OR APPLY COSMETICS IN WORK AREA! WASH PROMPTLY IF SKIN BECOMES CONTAMINATED. WASH AT THE END OF EACH WORK SHIFT AND BEFORE EATING, SMOKING, OR USING THE TOILET.

Section 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	PRESSURIZED LIQUID
ODOR	ODOR OF PETROLEUM DISTILLATES.
APPEARANCE	MILKY EMULSION.
PH	NOT APPLICABLE
VAPOR DENSITY: HEAVIER THAN AIR	
FREEZING POINT	NOT DETERMINED.
SOLUBILITY IN WATER	IMMISCIBLE IN WATER.
NOTES	WATER SOLUBILITY ANALYSIS IS FOR THE AEROSOL CONTENTS LESS THE COMPRESSED GAS PROPELLENT (I.E., NON-VOLATILES). SPECIFIC GRAVITY: 0.786 (WATER = 1) AT 20°C (68°F)
NOTES	SPECIFIC GRAVITY IS FOR THE AEROSOL CONTENTS LESS THE COMPRESSED GAS PROPELLENT (I.E., NON-VOLATILES). VISCOSITY #1: 8.5 CPS

Section 10: STABILITY AND REACTIVITY

STABLE	YES
HAZARDOUS POLYMERIZATION	NO
CONDITIONS TO AVOID	NOT COMPATIBLE WITH STRONG ACIDS OR BASES. NOT COMPATIBLE WITH STRONG OXIDIZERS.

Section 11: TOXICOLOGICAL INFORMATION

ACUTE	
DERMAL LD50	> 2.0 GM/KG
NOTES	ALBINO RABBIT.
ORAL LD50	> 5.0 GM/KG
NOTES	ALBINO RAT.
INHALATION LC50	> 5.14 MG/L
NOTES	RATS EXPOSED FOR 4 HOURS TO TEST ATMOSPHERE.
EYE EFFECTS	IRRITATION CLEARING WITHIN 72 HOURS.
SKIN EFFECTS	SLIGHT IRRITATION AT 72 HOURS. PRODUCED A PRIMARY SKIN IRRITATION INDEX = 1.11
SENSITIZATION	NEGATIVE; NOT CONSIDERED TO BE A DERMAL SENSITIZER TO ALBINO GUINEA PIGS.
COMMENTS	NONE OF THE COMPONENTS PRESENT IN THIS MATERIAL AT CONCENTRATIONS EQUAL TO OR GREATER THAN 0.1% ARE LISTED BY IARC, NTP, OSHA OR ACGIH AS BEING CARCINOGENS.

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Section 12: ECOLOGICAL CONSIDERATIONS

ECOTOXICOLOGICAL INFORMATION. THIS PRODUCT IS TOXIC TO FISH AND OTHER AQUATIC INVERTEBRATES. DO NOT APPLY DIRECTLY TO WATER. DO NOT CONTAMINATE WATER WHEN DISPOSING OF EQUIPMENT WASH WATERS OR RINSE. DRIFT AND RUNOFF MAY BE HAZARDOUS TO AQUATIC ORGANISMS IN WATER ADJACENT TO TREATED AREAS.

Section 13: DISPOSAL CONSIDERATIONS

DISPOSAL METHOD DO NOT PUNCTURE OR INCINERATE CONTAINER!
 IF EMPTY NON-REFILLABLE CONTAINER. DO NOT REUSE OR REFILL THIS CONTAINER. PLACE IN TRASH OR OFFER FOR RECYCLING IF AVAILABLE.
 IF PARTLY FILLED CALL YOUR LOCAL SOLID WASTE AGENCY FOR DISPOSAL INSTRUCTIONS.
 RCRA/EPA WASTE INFORMATION. NONE OF THE INGREDIENTS IN THIS PRODUCT APPEAR ON THE RCRA LISTS (40 CFR 261.24, 40CFR 251.33) OR CERCLA HAZARDOUS SUBSTANCE LIST (40 CFR PART 302 TABLE 302.4)

Section 14: TRANSPORTATION INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)
 PROPER SHIPPING NAME. CONSUMER COMMODITY
 PRIMARY HAZARD CLASS/DIVISION ORM-D
 AIR (ICAO/IATA)
 SHIPPING NAME CONSUMER COMMODITY
 UN/NA NUMBER UN8000
 PRIMARY HAZARD CLASS/DIVISION 9
 VESSEL (IMO/IMDG)
 SHIPPING NAME NOT AVAILABLE

Section 15: REGULATORY INFORMATION

UNITED STATES
 SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)
 FIRE YES
 PRESSURE GENERATING YES
 REACTIVITY NO
 ACUTE YES
 313 REPORTABLE INGREDIENTS THIS PRODUCT CONTAINS NO SARA TITLE III SECTION 313 CHEMICALS THAT EXCEED THE REPORTING LIMITS.
 302/304 EMERGENCY PLANNING
 EMERGENCY PLAN THERE ARE NO SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES PRESENT IN THIS FORMULATION (40 CFR 355). THERE ARE NO COMPONENTS THAT ARE SUBJECT TO EMERGENCY REQUIREMENTS UNDER CERCLA SECTION 103(A)(40 CFR 302.4) IN THIS FORMULATION.
 TSCA (TOXIC SUBSTANCE CONTROL ACT)
 TSCA STATUS ALL CHEMICAL SUBSTANCES FOUND IN THIS PRODUCT COMPLY WITH THE TOXIC SUBSTANCES CONTROL ACT'S INVENTORY
 REPORTING REQUIREMENTS.
 REGULATIONS
 STATE REGULATIONS VOLATILE ORGANIC COMPOUNDS (VOC)
 THIS PRODUCT CONTAINS LESS THAN 2% VOC'S.
 CANADA
 WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM)
 WHMIS CLASSIFICATION THIS PRODUCT IS REGISTERED UNDER THE PEST CONTROL PRODUCT ACT AND IS EXEMPT FROM THE REQUIREMENTS OF WHMIS.
 CANADIAN ENVIRONMENTAL PROTECTION ACT ALL SUBSTANCES IN THIS PRODUCT ARE LISTED ON THE CANADIAN DOMESTIC SUBSTANCES LIST (DSL) OR ARE NOT REQUIRED TO BE LISTED.
 PCP REG. NO. 30777
 COMMENTS CANADIAN NATIONAL FIRE CODE (CNFC) SECTION 3.3.5 = LEVEL 3.

Section 16: OTHER INFORMATION

NOTICE FROM ULTRASOL INDUSTRIES LTD. THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET IS PROVIDED BY ULTRASOL INDUSTRIES LTD. FREE OF CHARGE. WHILE BELIEVED TO BE RELIABLE, IT IS INTENDED FOR USE BY SKILLED PERSONS AT THEIR OWN RISK. ULTRASOL INDUSTRIES LIMITED. ASSUMES NO RESPONSIBILITY FOR EVENTS RESULTING OR DAMAGES INCURRED FROM ITS USE. THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED HEREIN AND DOES NOT RELATE TO USE IN COMBINATION WITH ANY OTHER MATERIAL OR IN ANY PROCESS.
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