

753146 ALBERTA LTD. O/A ULTRASOL INDUSTRIES LIMITED
10755-69 Ave
EDMONTON; T6H 2C9; ALBERTA CANADA

PRODUCT: ITEM # 88101 DOKTOR DOOM INDOOR OUTDOOR INSECTICIDE 515 GRAM PCP ACT # 27175



Section 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER 753146 ALBERTA LTD. O/A ULTRASOL INDUSTRIES LIMITED
10755-69 Ave EDMONTON
ALBERTA
CANADA
T6H 2C9
CANUTEC EMERGENCY #:1-613-996-6666(24HR)
5400-0017 DOKTOR DOOM INDOOR OUTDOOR INSECTICIDE
PRODUCT NAME PYRETHRINS/PIPERONYL BUTOXIDE.
CHEMICAL FAMILY NOT APPLICABLE.
MOLECULAR WEIGHT MIXTURE.
CHEMICAL FORMULA PCP ACT # 27175
TRADE NAMES & SYNONYMS INSECTICIDE.
PRODUCT USES 012-8-75/012-4-343.
FORMULA/LAB BOOK #.....

Section 02: COMPOSITION/INFORMATION INGREDIENTS

Hazardous Ingredients	%	Exposure Limit	C.A.S.#	LD/50, Route,Species	LC/50 Route,Species
PYRETHRINS	0.250	5 mg/m3	8003-34-7	1680 mg/kg ORAL - RAT	NOT AVAILABLE
PIPERONYL BUTOXIDE	1.250	NOT AVAILABLE	51-03-6	4.6 g/kg ORAL-RAT	>5.9 mg/l
ALIPHATIC PETROLEUM DISTILLATES	7-13	300 ppm	64742-47-8	>5000 mg/kg ORAL-RAT	NOT AVAILABLE
ISOBUTANE	10-30	1000 ppm	75-28-5	NOT APPLICABLE	142,500 ppm (4h) INHAL - RAT
PROPANE	1-5	1000 ppm	74-98-6	NOT APPLICABLE	NOT AVAILABLE

Section 03: HAZARDS IDENTIFICATION

ROUTE OF ENTRY:
INGESTION..... MAY CAUSE HEADACHE, NAUSEA, VOMITING AND WEAKNESS.
INHALATION..... INHALATION OF SOLVENTS MAY CAUSE IRRITATION. PROPELLANT IS A SIMPLE ASPHYXIANT.
EYE CONTACT..... MAY CAUSE IRRITATION.
SKIN ABSORPTION..... NO DATA AVAILABLE FOR THIS PRODUCT MIXTURE.
SKIN CONTACT..... MAY CAUSE IRRITATION.
EFFECTS OF ACUTE EXPOSURE..... DIZZINESS, NAUSEA. IRRITATION TO SKIN & EYES.
EFFECTS OF CHRONIC EXPOSURE..... SOLVENTS MAY CAUSE DEFATTING DERMATITIS
EXPOSURE LIMIT OF MATERIAL..... SEE SECTION 2.

Section 04: FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURE IN CASE OF EYE CONTACT, FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION. FOR SKIN, WASH THOROUGHLY WITH SOAP AND WATER. IF AFFECTED BY INHALATION OF VAPOUR OR SPRAY MIST, REMOVE TO FRESH AIR. IF SWALLOWED; DO NOT INDUCE VOMITING, GET MEDICAL ATTENTION.

Section 05: FIRE FIGHTING MEASURES

AUTO IGNITION TEMPERATURE (°C)..... NOT AVAILABLE.
SPECIAL PROCEDURES..... WATER FROM FOGGING NOZZLES MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT BUILD-UP IF EXPOSED TO EXTREME TEMPERATURES. FULL PROTECTIVE EQUIPMENT INCLUDING SELF CONTAINED BREATHING APPARTATUS SHOULD BE WORN IN A FIRE INVOLVING THIS MATERIAL.
FLAMMABILITY..... NOT A FLAMMABLE PRODUCT (AS PER CANADIAN AEROSOL REGULATIONS).
IF YES, UNDER WHICH CONDITIONS?..... EXCESSIVE HEAT, SPARKS AND OPEN FLAME.
EXTINGUISHING MEDIA..... WATER, CARBON DIOXIDE, DRY CHEMICAL, FOAM.
UPPER FLAMMABLE LIMIT..... 9.5.
(% BY VOLUME)
LOWER FLAMMABLE LIMIT..... 0.6.
(% BY VOLUME)
EXPLOSION DATA
SENSITIVITY TO STATIC DISCHARGE..... NOT APPLICABLE.
SENSITIVITY TO IMPACT..... NOT APPLICABLE.
HAZARDOUS COMBUSTION PRODUCTS..... HYDROCARBON FUMES AND SMOKE. CARBON MONOXIDE WHERE COMBUSTION IS INCOMPLETE.
AEROSOL FLAME PROJECTION CLASSIFIED AS:..... 0 cm.
FLASHBACK..... NONE.

PRODUCT: 5400-0017 DOKTOR DOOM INDOOR OUTDOOR INSECTICIDE**Section 05: FIRE FIGHTING MEASURES**FLASH POINT(°C),TAG CLOSED-CUP 78.
(CONCENTRATE)**Section 06: ACCIDENTAL RELEASE MEASURES**LEAK/SPILL..... REMOVE ALL SOURCES OF IGNITION. USE AN INERT ABSORBENT MATERIAL, AND
NON-SPARKING TOOLS. VENTILATE AREA. PREVENT FROM ENTERING A WATERCOURSE.**Section 07: HANDLING AND STORAGE**STORAGE NEEDS..... KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAMES.
ENGINEERING CONTROLS..... VENTILATION - LOCAL (MECHANICAL IF USED INDOORS ON A CONTINUOUS BASIS).
HANDLING PROCEDURES AND EQUIPMENT..... STORE IN A COOL, WELL VENTILATED AREA NOT TO EXCEED 50 DEG C.
SYNERGISTIC MATERIALS..... NONE KNOWN.**Section 08: EXPOSURE CONTROLS/PERSONAL PROTECTION**GLOVES/ TYPE..... NOT NORMALLY REQUIRED.
RESPIRATORY/TYPE..... NOT NORMALLY REQUIRED.
EYE/TYPE..... SAFETY GLASSES.
FOOTWEAR/TYPE..... NOT NORMALLY REQUIRED.
OTHER/TYPE..... NOT REQUIRED.**Section 09: PHYSICAL AND CHEMICAL PROPERTIES**PHYSICAL STATE..... AEROSOL.
APPEARANCE..... OFF-WHITE EMULSION.
ODOR..... PYRETHRIN.
ODOR THRESHOLD..... NOT AVAILABLE.
VAPOUR PRESSURE(PSIG)-AEROSOL..... 40-50.
@ 20 C
BOILING POINT (°C)(CONC)..... 100-205.
EVAPORATION RATE..... GREATER THAN 1.
n-BUTYL ACETATE = 1
VAPOUR DENSITY (AIR=1)..... GREATER THAN 1.
(BY WEIGHT)
SOLUBILITY IN WATER g/L (20°C)..... SOLUBLE.
pH..... 8-9.
SPECIFIC GRAVITY (LIQUID)..... 0.94-0.98.
COEFFICIENT OF WATER/OIL DIST..... NOT AVAILABLE.
FREEZING POINT: (°C)..... NOT AVAILABLE.
AEROSOL PERCENT VOLATILE..... 92-93.
(BY WEIGHT).
SPECIFIC GRAVITY (AEROSOL)..... 0.76-0.80.
AEROSOL PERCENT VOC (w/w)..... 32-33.**Section 10: STABILITY AND REACTIVITY**HAZARDOUS PRODUCTS OF
DECOMPOSITION..... HYDROCARBON FUMES AND SMOKE. CARBON MONOXIDE WHERE COMBUSTION IS
INCOMPLETE.
CHEMICAL STABILITY:
YES..... UNDER NORMAL CONDITIONS.
NO, WHICH CONDITIONS?..... NOT APPLICABLE.
COMPATIBILITY WITH OTHER SUBSTANCES:
NO, WHICH ONES?..... STRONG OXIDIZING AGENTS.
REACTIVITY CONDITIONS?..... NOT APPLICABLE.**Section 11: TOXICOLOGICAL INFORMATION**REPRODUCTIVE EFFECTS..... NO INFORMATION IS AVAILABLE AND NO ADVERSE REPRODUCTIVE EFFECTS ARE
ANTICIPATED.
IRRITANCY OF MATERIAL..... SKIN/EYE IRRITANT.
SENSITIZING CAPABILITY OF MATERIAL..... UNKNOWN.
CARCINOGENICITY OF MATERIAL..... THE INGREDIENTS OF THIS PRODUCT ARE NOT LISTED AS CARCINOGENS BY NTP,
(NATIONAL TOXICOLOGY PROGRAM), NOT REGULATED AS CARCINOGENS BY OSHA,
(OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION), AND HAVE NOT BEEN EVALUATED
BY IARC,(INTERNATIONAL AGENCY FOR RESEARCH ON CANCER), NOR BY ACGIH
(AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS).
TERATOGENICITY..... NO INFORMATION IS AVAILABLE AND NO ADVERSE TERATOGENIC EFFECTS ARE
ANTICIPATED.
MUTAGENICITY..... NO INFORMATION IS AVAILABLE AND NO ADVERSE MUTAGENIC EFFECTS ARE
ANTICIPATED.

ITEM # 88101

MATERIAL SAFETY DATA SHEET 515 GRAM PCP ACT # 27175

PRODUCT: 5400-0017 DOKTOR DOOM INDOOR OUTDOOR INSECTICIDE

Section 12: ECOLOGICAL CONSIDERATIONS

ENVIRONMENTAL..... NOT AVAILABLE.

Section 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL..... DO NOT PUNCTURE OR INCINERATE CONTAINERS, EVEN WHEN EMPTY. DISPOSE OF IN ACCORDANCE WITH LOCAL, PROVINCIAL AND FEDERAL REGULATIONS.

Section 14: TRANSPORTATION INFORMATION

T.D.G. CLASSIFICATION..... CONSUMER COMMODITY
D.O.T. CLASSIFICATION..... CONSUMER COMMODITY, ORM-D.

Section 15: REGULATORY INFORMATION

WHMIS CLASSIFICATION..... A,B5,D2B.
HMIS RATING HEALTH..... 2 MODERATE HAZARD.
HMIS RATING FLAMMABILITY..... 1 SLIGHT HAZARD.
HMIS RATING REACTIVITY..... 0 MINIMAL HAZARD.
NFPA CODE 30B..... LEVEL 1.
CNFC SECTION 3.3.5..... LEVEL 1.

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.
PREPARED BY..... TECHNICAL SERVICES
PREPARATION DATE November 1 2016 Valid for 3 Years from this date