MATERIAL SAFETY DATA SHEET

Ultrasol Industries
10755-69 Ave
Edmonton, Alberta T6H 2C9
CANUTECH EMERGENCY #: 1-613-996-6666 (24HR)

Product: ITEM # 11606 # 66305 DR. DOOM RESIDUAL INSECTICIDE PCP ACT # 28992

SECTION 01: MANUFACTURER INFORMATION

MANUFACTURER: Ultrasol Industries
10755-69 Avenue
Edmonton, Alberta
CANADA
T6H 2C9
CANUTECH EMERGENCY #: 1-613-996-6666 (24HR)

PRODUCT NAME: 5400-0014 DR. DOOM RESIDUAL INSECTICIDE
FORMULATION #: 012-6-271/012-4-139B.
CHEMICAL FAMILY: PERMETHRIN.
TRADE NAMES & SYNONYMS: PCP ACT # 28992
PRODUCT USES: INSECTICIDE.
CHEMICAL FORMULA: NOT APPLICABLE.
MOLECULAR WEIGHT: NOT APPLICABLE.
T.D.G. CLASSIFICATION: CONSUMER COMMODITY.
WHMIS CLASSIFICATION: NOT APPLICABLE.
CNFC SECTION 3.3.5: LEVEL 1.
NFPA CODE 30B: LEVEL 1.
HMIS RATING FLAMMABILITY: 1 SLIGHT HAZARD.
HMIS RATING HEALTH: 2 MODERATE HAZARD.
HMIS RATING REACTIVITY: 0 MINIMAL HAZARD.

SECTION 02: HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>%</th>
<th>CAS / TLV</th>
<th>LD/50, ROUTE, SPECIES</th>
<th>LC/50, ROUTE, SPECIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.50</td>
<td>52645-53-1</td>
<td>&gt;2500 mg/kg</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td></td>
<td>NOT AVAILABLE</td>
<td>ORAL - RAT</td>
<td></td>
</tr>
</tbody>
</table>

ODOURLESS MINERAL SPIRITS

<table>
<thead>
<tr>
<th>%</th>
<th>CAS / TLV</th>
<th>LD/50, ROUTE, SPECIES</th>
<th>LC/50, ROUTE, SPECIES</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>&gt;5000 mg/kg</td>
<td>NOT AVAILABLE</td>
<td>ORAL - RAT</td>
</tr>
</tbody>
</table>

ISOBUTANE

<table>
<thead>
<tr>
<th>%</th>
<th>CAS / TLV</th>
<th>LD/50, ROUTE, SPECIES</th>
<th>LC/50, ROUTE, SPECIES</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>NOT APPLICABLE</td>
<td>520,000 ppm (2 hr)</td>
<td>INHAL - MOUSE</td>
</tr>
</tbody>
</table>

PROPANE

<table>
<thead>
<tr>
<th>%</th>
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<th>LD/50, ROUTE, SPECIES</th>
<th>LC/50, ROUTE, SPECIES</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>NOT APPLICABLE</td>
<td>NOT AVAILABLE</td>
<td></td>
</tr>
</tbody>
</table>

SECTION 03: PHYSICAL DATA

PHYSICAL STATE: AEROSOL.
BOILING POINT (DEG C) (CONC): >100.
VAPOUR PRESSURE (PSIG) - AEROSOL......50-60.
@ 20 C
VAPOUR DENSITY (AIR=1) ...........GREATER THAN 1.
(BY WEIGHT)
SOLUBILITY IN WATER..............SOLUBLE.
APPEARANCE.......................WHITE EMULSION.
ODOR...............................HYDROCARBON.
ODOR THRESHOLD....................NOT AVAILABLE.
SPECIFIC GRAVITY (LIQUID).........0.94-0.98.
SPECIFIC GRAVITY (AEROSOL).......0.75-0.79.
AEROSOL PERCENT VOC (W/W) .......39-40.
AEROSOL PERCENT VOLATILE........98-99.
(BY WEIGHT)
EVAPORATION RATE..................LESS THAN 1.
n-BUTYL ACETATE = 1
pH.....................................6.5 - 7.5.
FREEZING POINT: (C) ..............NOT AVAILABLE.
COEFFICIENT OF WATER\OIL........NOT AVAILABLE.
DIST.

SECTION 04: FIRE & EXPLOSION DATA

AEROSOL FLAME PROJECTION
CLASSIFIED AS:....................0 CM.
FLASHBACK..........................NONE.
FLAMMABILITY.......................NOT A FLAMMABLE PRODUCT (AS PER CANADIAN
AEROSOL REGULATIONS).
IF YES, UNDER WHICH..............EXCESSIVE HEAT, SPARKS AND OPEN FLAME.
CONDITIONS ?
EXTINGUISHING MEDIA..............CARBON DIOXIDE, DRY CHEMICAL, FOAM.
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 APPARATUS SHOULD BE
WORN IN A FIRE INVOLVING THIS MATERIAL.
FLASH POINT (C), TAG CLOSED-CUP....> 43.
(CONCENTRA TE)
AUTO IGNITION TEMPERATURE (C).....NOT AVAILABLE.
LOWER FLAMMABLE LIMIT...........1.
(% BY VOLUME)
UPPER FLAMMABLE LIMIT...........9.5.
(% BY VOLUME)
HAZARDOUS COMBUSTION
PRODUCTS.........................HYDROCARBON FUMES AND SMOKE. CARBON
MONOXIDE WHERE COMBUSTION IS INCOMPLETE.
EXPLOSION DATA
SENSITIVITY TO STATIC............NOT APPLICABLE.
DISCHARGE
SENSITIVITY TO IMPACT............NOT APPLICABLE.

SECTION 05: REACTIVITY DATA

CHEMICAL STABILITY:
YES...............................UNDER NORMAL CONDITIONS.
NO, WHICH CONDITIONS?...........NOT APPLICABLE.
COMPATABILITY WITH OTHER
SUBSTANCES:
   NO, WHICH ONES?.................STRONG OXIDIZING AGENTS.
HAZARDOUS PRODUCTS OF
DECOMPOSITION......................HYDROCARBON FUMES AND SMOKE. CARBON
MONOXIDE WHERE COMBUSTION IS INCOMPLETE.
HAZARDOUS POLYMERIZATION...........WILL NOT OCCUR.
REACTIVITY CONDITIONS?.............NOT APPLICABLE.

SECTION 06: TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY:
   SKIN CONTACT.................MAY CAUSE IRRITATION.
   SKIN ABSORPTION..............NO DATA AVAILABLE FOR THIS PRODUCT
   MIXTURE.
   EYE CONTACT...............VAPORS MAY IRRITATE.
   INHALATION...................INHALATION OF SOLVENTS MAY CAUSE
   IRRITATION. PROPELLANT IS A SIMPLE
   ASPHYXIANT.
   INGESTION...................MAY CAUSE HEADACHE, NAUSEA, VOMITING AND
   WEAKNESS.
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 II.
IRRITANCY OF MATERIAL..............SLIGHT.
SENSITIZING CAPABILITY OF.........UNKNOWN.
MATERIAL
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).
REPRODUCTIVE EFFECTS..........NO INFORMATION IS AVAILABLE AND NO ADVERSE
   REPRODUCTIVE EFFECTS ARE ANTICIPATED.
TERATOGENICITY....................NO INFORMATION IS AVAILABLE AND NO ADVERSE
   TERATOGENIC EFFECTS ARE ANTICIPATED.
MUTAGENICITY.......................NO INFORMATION IS AVAILABLE AND NO ADVERSE
   MUTAGENIC EFFECTS ARE ANTICIPATED.
SYNERGISTIC MATERIALS.........NONE KNOWN.

SECTION 07: PREVENTIVE MEASURES

GLOVES/TYPE...................NOT NORMALLY REQUIRED.
RESPIRATORY/TYPE...............NOT NORMALLY REQUIRED.
EYE/TYPE......................SAFETY GLASSES.
FOOTWEAR/TYPE.................NOT NORMALLY REQUIRED.
OTHER/TYPE....................NOT REQUIRED.
ENGINEERING CONTROLS...........VENTILATION - LOCAL (MECHANICAL IF USED
  indoors on a continuous basis).
LEAK/SPILL......................REMOVE ALL SOURCES OF IGNITION. USE AN
   INERT ABSORBENT MATERIAL, AND NON-SPARKING
   TOOLS. AVOID BREATHING FUMES. VENTILATE
   AREA. PREVENT FROM ENTERING A WATERCOURSE.
HANDLING PROCEDURES AND EQUIPMENT
STORE IN A COOL, WELL VENTILATED AREA NOT TO EXCEED 50 DEG C.

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

STORAGE NEEDS
KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAMES.

SPECIAL SHIPPING INSTRUCTIONS
SEE SECTION 1. TDG CLASSIFICATION.

SECTION 08: 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 09: ADDITIONAL 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 LTD. 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.

DATED 1/1/2015 valid for 3 years