

REGISTERED BY:
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EMERGENCY NUMBER: 1-800-331-3148

DISTRIBUTED BY:

GARDEX CHEMICALS LTD

(TEL): 416-675-1638 OR 1-800-561-7302

MATERIAL SAFETY DATA SHEET
DRAGNET FT

Emulsifiable Concentrate Insecticide

DATE PREPARED: DECEMBER 10, 2007.

24-HOUR EMERGENCY RESPONSE NUMBER:

CALL CANUTEC COLLECT: 613-996-6666

PEST CONTROL PRODUCT REGISTRATION NUMBER 24175

SECTION 1

PRODUCT IDENTIFICATION AND USE

PRODUCT NAME:	DRAGNET FT – EMULSIFIABLE CONCENTRATE INSECTICIDE
CHEMICAL FAMILY:	PYRETHROID
CHEMICAL NAME & SYNONYMS:	3-PHENOXY BENYL (1RS) CIS-TRANS-3-(2,2-DICHLOROVINYL)-2,2-DIMETHYL CYCLOPROPANECARBOXYLATE
TDG CLASSIFICATION	REGULATED BY ROAD/RAIL/MARINE TRANSPORT: LIMITED QUANTITY

SECTION 2

HAZARDOUS INGREDIENTS

HAZARDOUSE INGREDIENTS	%	CURRENT TLV
PERMETHRIN CAS # 52645-53-1	36.8	LC50 2.3 mg/L
COMMENTS: INGREDIENTS NOT IDENTIFIED ARE PROPRIETARY OR NON-HAZARDOUS. VALUES ARE NOT PRODUCT SPECIFICATIONS.		

SECTION 3

PHYSICAL DATA

PHYSICAL STATE: LIQUID	APPEARANCE: AMBER LIQUID	ODOUR: FAINT/MILD PETROLEUM ODOUR	SPECIFIC GRAVITY: 1.039 @ 20°C
VAPOUR DENSITY: HEAVIER THAN AIR	SOLUBILITY IN WATER: EMULSIFIES	FREEZING/MELTING POINT: NO DATA	
VAPOUR PRESSURE: NO DATA	PH BALANCE: NO DATA	EVAPORATION RATE: NO DATA	
		% VOLATILES: APPROX. 55%	BOILING POINT: NO DATA

SECTION 4

FIRE AND EXPLOSION DATA

FLASH POINT: 42.2 °C	FLAMMABLE LIMIT:	EXTINGUISHING MEDIA: FOAM, CO ₂ , DRY CHEMICAL, WATER FOG
LOWER EXPLOSION LIMIT %: NO DATA UPPER EXPLOSION LIMIT %: NO DATA AUTOIGNITION TEMP: NO DATA		
FIRE FIGHTING PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS AND IMPERVIOUS CLOTHING. MINIMIZE THE AMOUNT OF WATER USED AND CONTAIN THE RUN-OFF.		
OTHER FIRE OR EXPLOSION HAZARDS: CONTAINER MAY EXPLODE UNDER INTENSE HEAT. VAPOUR IS HEAVIER THAN AIR AND MAY FLASH BACK FROM AN IGNITION SOURCE.		

SECTION 5

TOXICITY DATA / HEALTH HAZARD DATA

LD50, ORAL, RAT (INGESTION): 806 mg/Kg	LD50, DERMAL, RAT (SKIN): >2000 mg/Kg	LC50, INHALATION: 2.3 mg/L
CALCULATED LD50 FOR MIXTURE: 2190 mg/Kg		
ACUTE EFFECTS OF OVEREXPOSURE: MAY CAUSE TEMPORARY IRRITATION TO EYES, NOSE, THROAT, AND RESPIRATORY TRACT. MAY CAUSE CENTRAL NERVOUS SYSTEM (CNS) DEPRESSION. HEADACHE, DIZZINESS, NAUSEA, ABDOMINAL CRAMPS, DIARRHEA ARE EARLY SYMPTOMS. UNCONSCIOUSNESS, CONVULSIONS AND COMMA ARE SIGNS OF SEVERE POISONING.		
EFFECTS OF CHRONIC EXPOSURE: PROLONGED EXPOSURE MAY CAUSE DERMATITIS.		
OTHER HEALTH EFFECTS: DERMAL CONTACT WITH SYNTHETIC PYRETHROIDS CAN CAUSE SENSATIONS SUCH AS NUMBNESS AND TINGLING, THIS EFFECT IS TRANSIENT.		

SECTION 6

REACTIVITY DATA

STABILITY: STABLE	CONDITIONS TO AVOID: ELEVATED TEMPERATURES
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR	
INCOMPATIBILITY (MATERIALS TO AVOID): STRONG BASES, ACIDS AND OXIDIZERS	
HAZARDOUS DECOMPOSITION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE, HYDROGEN CHLORIDE, PHOSGENE	

**SECTION 7
FIRST AID PROCEDURES**

INHALATION: MOVE VICTIM TO FRESH AIR AND RESTORE BREATHING IF REQUIRED. OBTAIN MEDICAL ADVICE.
SKIN CONTACT: FLUSH SKIN WITH RUNNING WATER AND THOROUGHLY WAS WITH SOAP AND WATER. IF IRRITATION PERSISTS SEEK MEDICAL ATTENTION.
INGESTION: GIVE 1 TO 2 GLASSES WATER (200 TO 500 ml) TO DILUTE MATERIAL. DO NOT INDUCE VOMITING. OBTAIN MEDICAL ADVICE. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.
EYE CONTACT: FLUSH EYES WITH RUNNING WATER FOR 20 MINUTES. HOLD EYELIDS OPEN DURING FLUSHING. IF IRRITATION PERSISTS SEEK MEDICAL ATTENTION.

**SECTION 8
SPILL OR LEAK PROCEDURE / ENVIRONMENTAL PROTECTION DATA**

SPILL AND LEAK PROCEDURES: ELIMINATE ALL IGNITION SOURCES. STOP LEAK, CONTAIN SPILL BY DIKING AND ABSORB WITH SUITABLE ABSORBENT AND TRANSFER INTO WASTE CONTAINER FOR DISPOSAL. CLEAN AREA WITH DETERGENT AND WATER, ABSORB WASH AND PLACE IN WASTE CONTAINER. REMOVE ANY CONTAMINATED SOIL FOR PROPER DISPOSAL.
WASTE DISPOSAL: DO NOT REUSE EMPTY CONTAINER. TRIPLE RINSE CONTAINER AND DISCARD IN HOUSEHOLD GARBAGE. DISPOSE OF WASTE PRODUCT IN ACCORDANCE WITH LOCAL, PROVINCIAL OR FEDERAL GOVERNMENT REGULATIONS. TO DISCARD UNUSED / UNWANTED PRODUCT CALL YOUR LOCAL SOLID WASTE AGENCY OR GARDEX CHEMICALS 416-675-1638.
ENVIRONMENTAL EFFECTS: THIS PRODUCT IS HIGHLY TOXIC TO FISH AND BEES. DO NOT CONTAMINATE LOCAL WATER SUPPLIES OR ENVIRONMENTS.

**SECTION 9
SPECIAL PROTECTION DATA / PREVENTIVE MEASURES**

RESPIRATORY PROTECTION: NIOSH/MSHA APPROVED RESPIRATOR, IF REQUIRED.	
EYE PROTECTION: CHEMICAL GOGGLES	SKIN PROTECTION: CHEMICAL RESISTANT GLOVES
OTHER PERSONAL PROTECTIVE EQUIPMENT: COVERALLS	
ENGINEERING CONTROLS: LOCAL EXHAUST OR VENTILATION.	
HANDLING PROCEDURES AND EQUIPMENT: AVOID BREATHING VAPOURS, CONTACT WITH EYES, SKIN AND CLOTHING. WASH THOROUGHLY AFTER USE.	

**SECTION 10
SPECIAL PRECAUTIONS & STORAGE DATA**

STORAGE TEMPERATURE (OPTIMUM): MIN: 5° C MAX: 40° C
STORAGE REQUIREMENTS: STORE IN COOL, DRY, VENTILATED AREA. KEEP OUT OF REACH OF CHILDREN AND PETS.

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