

GARDEX CHEMICALS LTD.

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MATERIAL SAFETY DATA SHEET

BAYGON 1% RESIDUAL INSECTICIDE

DATE PREPARED: JANUARY 21, 2013

24-HOUR EMERGENCY RESPONSE NUMBER:

CALL CANUTEC COLLECT: 613-996-6666

PEST CONTROL PRODUCT REGISTRATION NUMBER 11565

**SECTION 1
 PRODUCT IDENTIFICATION AND USE**

PRODUCT NAME:	BAYGON 1% RESIDUAL INSECTICIDE
CHEMICAL FAMILY:	CARBAMATE INSECTICIDE
CHEMICAL NAME & SYNONYMS:	2-(METHYLETHOXY) PHENYLMETHYLCARBAMATE
TRADE NAME & SYNONYMS:	PROPOXUR

**SECTION 2
 HAZARDOUS INGREDIENTS**

HAZARDOUSE INGREDIENTS	%	CURRENT TLV ¹
PROPOXUR	1.0	0.5 mg/m ³
ISOPROPYL ALCOHOL (I.P.A.)	15.0	400 ppm
PETROLEUM SOLVENT (ISOPARAFFIN)	84.0	2350 mg/m ³

**SECTION 3
 PHYSICAL DATA**

PHYSICAL STATE: LIQUID	APPEARANCE: LIGHT AMBER	ODOR: GARLIC-LIKE	SPECIFIC GRAVITY: 0.807Kg/L
VAPOUR DENSITY: N.E.	SOLUBILITY IN WATER:	MELT POINT: N.A.	
VAPOUR PRESSURE: N.E.	SLIGHT	% VOLATILE BY VOLUME: 99%	BOILING POINT: 83° C

**SECTION 4
 FIRE AND EXPLOSION DATA**

FLASH POINT: 13.33° C (T.C.C.)	FLAMMABLE LIMIT: LeI ² 2.0 UeI ³ 12.0	EXTINGUISHING MEDIA: FOAM, CO ₂ , DRY CHEMICAL, WATER, FOG
SPECIAL FIRE-FIGHTING PROCEDURES, UNUSUAL FIRE OR EXPLOSION HAZARDS: EVACUATE HAZARD AREA. WEAR POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. COOL FIRE EXPOSED CONTAINERS WITH WATER. HANDLE AS A FLAMMABLE LIQUID FIRE.		

**SECTION 5
 TOXICITY DATA**

LD50, ORAL (INGESTION): >690 mg/Kg	LD50, DERMAL (SKIN CONTACT): >2000 mg/Kg	LC50, INHALATION: N.E.
FISH, LC50: N.E.	TLV (UNITS) (THRESHOLD LIMIT VALUE):	SKIN IRRITATION: FREQUENT OR PROLONGED CONTACT
EFFECTS TO EYE: MILDLY IRRITATING	EFFECTS TO LUNG: IRRITATING-PROLONGED EXP.	
EMERGENCY AND FIRST AID PROCEDURES, EFFECTS OF OVER EXPOSURE: PROPOXUR - NEURAL ACETYLCHOLINESTERASE INHIBITOR (REVERSABLE) SYMPTOMS INCLUDE; CONSTRICTION OF PUPILS, SALIVATION, MUSCLE INCOORDINATION, VOMITING, DIARRHEA, INHALATION - REMOVE TO FRESH AIR. EYE CONTACT - FLUSH EYES WITH WATER FOR 15 MINUTES. INGESTION - DO NOT INDUCE VOMITING DUE TO POSSIBILITY OF ASPIRATION OF PETROLEUM SOLVENT INTO LUNGS. SEEK MEDICAL ATTENTION.		

**SECTION 6
 REACTIVITY DATA**

STABILITY: STABLE	CONDITIONS TO AVOID: STRONG OXIDIZING AGENTS AND ALKALI
POLYMERIZATION: WILL NOT OCCUR	
IMCOMPATABILITY (MATERIALS TO AVOID): STRONG OXIDIZING AGENTS, ACID, ALKALINE MATERIALS	
HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE, PHOSGENE, HYDROGEN CHLORIDE, CHLORINE	

¹ Threshold Limit Value

² Lower Explosion Limit

³ Upper Explosion Limit

**SECTION 7
SPILL OR LEAK PROCEDURE**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: ELIMINATE ALL SOURCES OR IGNITION. CONTAIN SPILL WITH ABSORBANT MATERIAL. SHOVEL MATERIAL INTO DISPOSAL CONTAINER. DECONTAMINATE AREA WITH SOLUTION OF BLEACH, LYE OR CAUSTIC SODA. REPEAT WITH DETERGENT & WATER.

WASTE DISPOSAL METHOD: DISPOSE BY BURYING IN LANDFILL OR BY INCINERATION. FOLLOW LOCAL GOVERNMENT REGULATIONS.

**SECTION 8
SPECIAL PROTECTION DATA**

RESPIRATOR TYPE: SUITABLE FOR ORGANIC VAPOURS OR USE IN WELL-VENTILATED AREAS.

EYE PROTECTION: GOGGLES

GLOVES: NEOPRENE

OTHER PROTECTIVE EQUIPMENT;

**SECTION 9
SPECIAL PRECAUTIONS & STORAGE DATA**

STORAGE TEMPERATURE (OPTIMUM): MINIMUM 0°C;
MAXIMUM 32°C

AVERAGE SHELF LIFE: GREATER THAN 1 YEAR

SPECIAL SENSITIVITY (HEAT, LIGHT, MOISTURE): PROTECT FROM FREEZING

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: STORE IN LOCKED, WELL VENTILATED AREA

**SECTION 10
SHIPPING DATA**

T.D.G. ACT SHIPPING NAME: FLAMMABLE LIQUIDS N.O.S. (ISOPROPYL ALCOHOL MIXTURE)

CLASSIFICATION: 3

UN/NA NO. : 1993

PACKING GROUP: II

PLACARDS REQUIRED: FLAMMABLE #3
(RED) OVER 500KG GROSS WEIGHT

LABELS REQUIRED: T.D.G. SHIPPING NAME, FLAMMABLE LIQUIDS UN1993, FLAMMABLE LIQUIDS #3.

TECHNICAL SHIPPING NAME: BAYGON INSECTICIDE

TRANSPORTATION EMERGENCY TELEPHONE NO.: 1-800-561-7302 EXT. 5000

PREPARED BY: GARDEX CHEMICALS LTD.

PHONE NUMBER: (416) 675-1638

DATE: JANUARY 21, 2013

N.E. = NOT ESTABLISHED N.A. = NOT APPLICABLE A.I. = ACTIVE INGREDIENT

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