

MATERIAL SAFETY DATA SHEET

DATA SHEET # 343404CB

PRODUCT NAME: CB TOTAL RELEASE PCO FOGGER for ROACHES with VAPONA 5 OZ

EPA REG. # 9444-032

SECTION I - GENERAL INFORMATION-----

MANUFACTURED BY: WATERBURY COMPANIES, INC. 24 HOUR EMERGENCY CONTACT (CHEMTREC):
 COMMERCIAL PRODUCTS DIVISION (800) 424-9300
 P.O. BOX 640 PRODUCT & SALES INFORMATION: (203) 597-1812
 INDEPENDENCE, LA 70443 MSDS INFORMATION: (504) 878-6751
 DATE REVISED: 08/12/98 DATE PRINTED: 08/14/98 PREPARED BY: J.C.A

HAZARD RATING (NFPA 704):

HEALTH: - 4 - FIRE: - 4 - REACTIVITY: - 1 - SPECIAL: - NONE -

Note: NFPA 704 hazard ratings are general - not comprehensive, and are subject to interpretation.

All MSDS information must be considered when evaluating safe material handling procedures.

SHIPPING INFORMATION - PER US DEPARTMENT OF TRANSPORTATION (DOT) REGULATIONS:

DOT STATUS: Regulated only when offered for transportation or transported by aircraft.

PROPER SHIPPING NAME (OR DESCRIPTION IF NOT REGULATED BY DOT): When transported by ground or vessel, this product is exempt from shipping paper requirements of US DOT-Use "Insecticides, Agricultural, N.O.S." as the shipping description. When transported by aircraft, proper shipping name is "Consumer Commodity."

HAZARD CLASS: ORM-D ID#: None PACKING GROUP: N/A LABEL REQUIRED: None

NATIONAL MOTOR FREIGHT CLASSIFICATION # AND LTL CLASS: 102120-Class 60

EXPORT SHIPMENTS: Contact manufacturer for International shipping information.

SECTION II -- HAZARDOUS INGREDIENTS/IDENTITY INFORMATION-----

Hazardous components greater than 1.0% (0.1% for carcinogens or suspected carcinogens).

HAZARDOUS COMPONENTS	CAS #	OSHA PEL	ACGIH TLV	OTHER LIMITS	% BY WT.
Dichlorvos (2,2-dichlorovinyl dimethyl phosphate)	62-73-7	N.E.	1 mg/m3	0.9 mg/m3 (skin)	6.500
Propane	74-98-6	1000 ppm	N.E.	1000 ppm TWA	15-25
n-Butane	106-97-8	N.E.	800 ppm	800 ppm TWA	15-25
1,1,1-Trichloroethane	71-55-6	350 ppm	350 ppm	450 ppm STEL	55-65
Tert-Butyl Alcohol	106-88-7	100 ppm	100 ppm	150 ppm STEL	< 5

SECTION III - SARA TITLE III SECTION 313 SUPPLIER NOTIFICATION-----

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and 40 CFR 372.

CAS # 62-73-7 Dichlorvos	PERCENT BY WEIGHT: 6.50
CAS # 71-55-6 1,1,1-Trichloroethane	PERCENT BY WEIGHT: 56
CAS # 106-88-7 Tert-Butyl Alcohol	PERCENT BY WEIGHT: 1

This information must be included in all MSDS's that are copied and distributed for this material.

SECTION IV - PHYSICAL/CHEMICAL CHARACTERISTICS-----

BOILING POINT: N/A SPECIFIC GRAVITY (H2O = 1): 1.3 VAPOR PRESSURE (mm Hg): 2,145
 MELTING POINT: N/A VAPOR DENSITY (AIR = 1): N/A EVAPORATION RATE (BUTYL ACETATE = 1): N/A
 SOLUBILITY IN WATER: Insoluble
 APPEARANCE AND ODOR: Dry Fog with characteristic Vapona odor.

SECTION V - FIRE AND EXPLOSION HAZARD DATA-----

FLASH POINT (METHOD USED): Not Applicable.
 NFPA 30B AEROSOL CLASSIFICATION: Level 1 Aerosol.
 FLAMMABLE LIMITS: N/A LEL: N/A UEL: N/A
 EXTINGUISHING MEDIA: CO2, Dry Chemical, Foam.
 SPECIAL FIRE FIGHTING PROCEDURES: Self contained air supply suggested. Keep containers cool to avoid bursting.
 UNUSUAL FIRE AND EXPLOSION HAZARDS: Exposure to temperatures above 130 deg.F may cause bursting.

SECTION VI - REACTIVITY DATA-----

STABILITY: UNSTABLE: --- STABLE: -YES-
 CONDITIONS TO AVOID: Open flames and very hot surfaces can cause thermal decomposition.
 INCOMPATIBILITY (MATERIALS TO AVOID): Strong alkalines, acids, oxidizers, aluminum, and other reactive metals.
 HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Hydrogen chloride, small amounts of phosgene and chlorine, phosphorus oxides, and carbon oxides.
 HAZARDOUS POLYMERIZATION: MAY OCCUR: --- WILL NOT OCCUR: -X-
 CONDITIONS TO AVOID: None known.

SECTION VII - HEALTH HAZARDS-----

ROUTE(S) OF ENTRY: INHALATION? -YES- SKIN? -YES- INGESTION? -YES-
 HEALTH HAZARDS (ACUTE AND CHRONIC): Prolonged or repeated exposure may result in neural dysfunction. Nervous System Depression. DANGER: Poisonous if swallowed, inhaled or absorbed through the skin or eyes. May produce acute cholinesterase depression. Vapona is classified by EPA as a category "C" chemical, a possible carcinogen. Also, chronic overexposures to 1,1,1-trichloroethane have caused liver toxic effects in experimental animals.
 CARCINOGENICITY: NTP? -NO- IARC MONOGRAPHS? -NO- OSHA REGULATED? -NO-
 SIGNS AND SYMPTOMS OF EXPOSURE: Acute cholinesterase depression may be evidenced by headache, nausea, vomiting,

PARTNAME: CB TOTAL RELEASE PCO FOGGER for ROACHES with VAPONA 5 OZ

diarrhea abdominal cramps, excessive sweating, salivation and tearing, constricted pupils, blurred vision, tightness in chest, weakness, muscle twitching and confusion. Dermatitis.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Genetic cholinesterase deficiency, advanced liver disease, chronic alcoholism and malnutrition are some conditions which increase vulnerability to cholinesterase depression. Acute and chronic liver disease and rhythm disorders of the heart. Skin contact may aggravate an existing dermatitis.

EMERGENCY AND FIRST AID PROCEDURES: IF SWALLOWED: Call a physician or Poison Control Center immediately. Drink one to two glasses of water & induce vomiting by touching the back of throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person. IF INHALED: Remove victim to fresh air. Apply artificial respiration if indicated. IF ON SKIN: Remove contaminated clothing & wash affected areas with soap & water. IF IN EYES: Flush eyes with plenty of water. Call a physician immediately. NOTE TO PHYSICIAN: DDVP is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal & may be administered, but only in conjunction with atropine.

SECTION VIII - PRECAUTIONS FOR SAFE HANDLING AND USE-----

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: If container is ruptured or begins to leak, place in a well-ventilated area free of sparks and ignition sources. Pesticide that cannot be used according to label instructions must be disposed of according to all applicable Local, State and Federal procedures.

WASTE DISPOSAL METHOD: Do not reuse empty container. This container may be recycled in the few but growing number of communities where (steel) aerosol can recycling is available. Before offering for recycling, empty the can by using the product according to the label. (DO NOT PUNCTURE!) If recycling is not available, wrap the container and discard in the trash. Any remaining or collected liquid from punctured cans should be disposed of in a safe manner at an approved facility in accordance with Local, State, and Federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Do not contaminate water, food or feed by storage or disposal. Store in a cool, dry area away from heat or open flame. Exposure to temperatures above 130 deg.F. may cause bursting. Wear a full face mask or respirator jointly approved by MSHA (Mine Safety & Health Adm.) & by NIOSH (National Institute for Occupational Safety & Health) for protection against DDVP. Wear rubber gloves & clean protective clothing with head & skin surfaces covered so that no bare skin is exposed. For sale to, use & storage by Licensed Pest Control Operators only! Do not use in small enclosed spaces. Read label.

OTHER PRECAUTIONS: It is a violation of federal law to use this product in a manner inconsistent with its labeling. Use 1-5oz can for every 5,000ft^3 of space. In the home, food should be covered or removed & premises evacuated. Place newspaper under cans. Turn off all ignition sources such as pilot lights, other open flames or running appliances that cycle off & on. Call your gas utility or mgmt. company if you need assistance. Leave undisturbed for 2 hrs & ventilate for at least 1 hour before reoccupying. Use of this product in food areas is limited to residential applications.

This product is authorized for use in plants operating under USDA Inspection and Grading Programs as a CATEGORY F2 substance.

SECTION IX - CONTROL MEASURES-----

RESPIRATORY PROTECTION (SPECIFY TYPE): Required - wear appropriate MESA and NIOSH approved respirator.

VENTILATION:

LOCAL EXHAUST: All drafts and exhausts must be shut off during fogging.

MECHANICAL (GENERAL): Ventilate thoroughly before reoccupying.

SPECIAL: N/A

OTHER: N/A

PROTECTIVE GLOVES: Rubber gloves required.

EYE PROTECTION: Wear safety glasses with glass lenses.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Long sleeved shirt with sleeves rolled down required.

WORK/HYGIENIC PRACTICES: Read and follow label instructions.

SECTION X - SARA TITLE III SECTION 312 TIER TWO INVENTORY REPORT INFORMATION-----

When Completing SARA Title III Section 312 Tier Two Inventory Reports, the following information should be used. See local regulations for additional and complete reporting requirements for the specific site.

CAS #: N/A - There is no CAS# for this mixture.

This product should be described as: PURE... MIXTURE... SOLID... LIQUID... GAS...

Physical & health hazards: FIRE.. SUDDEN RELEASE OF PRESSURE.. REACTIVITY.. IMMEDIATE.. DELAYED..

SECTION XI - SUMMARY OF CHANGES-----

Revised Hazard Rating notes and Health Rating in Section I.

This information is supplied in good faith, but no warranty expressed or implied is made. Waterbury Companies believes that it is accurate to the best of its knowledge & relates only to the specific material designated herein