



COCOBEAR™

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: COCOBEAR™
PRODUCT DESCRIPTION: Mosquito Larvicide Oil
EPA REGISTRATION NUMBER: 8329-93
ACTIVE INGREDIENT(S): White Mineral Oil (10% w/w)

MANUFACTURER
Clarke Mosquito Control Products, Inc.
110 E. Irving Park Rd., 4th Floor
Roselle, Illinois 60172
Manufacturer's Phone Number: (630) 894-2000

24 HR. EMERGENCY TELEPHONE NUMBERS
INFOTRAC (Transportation/Spill Emergency): (800) 553-5053
PROSAR (Medical Emergency): 1-800-214-7753

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: CAUTION. Harmful if swallowed. If ingested, this material presents an aspiration pneumonia hazard. Call a poison control center or doctor immediately

POTENTIAL HEALTH EFFECTS

EYES: Contact with eyes may cause mild irritation
SKIN: This product may cause temporary irritation to the skin
INGESTION: Harmful if swallowed. Aspiration pneumonia hazard. Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.
INHALATION: Inhalation of vapors or mists may be irritating to the respiratory tract

CHRONIC EFFECTS: Prolonged or repeated exposure may cause skin irritation.

COMMENTS: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS	TWA
White Mineral Oil	10.000%	8042-47-5	5 mg/m3

COMMENTS: Ingredients not identified are proprietary or non-hazardous. Values are not product specifications.

4. FIRST AID MEASURES

EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing the eye. Call a poison control center or a doctor for treatment advice.

SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF SWALLOWED: Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give ANY liquid to the person. Do not give anything by mouth to an unconscious person.

INHALATION: Remove to fresh air. If not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth. Call a poison control center or doctor for further treatment advice.

NOTES TO PHYSICIAN: The decision to induce vomiting should be made by an attending physician. If ingested, this material presents aspiration and chemical pneumonitis hazard. Induction of emesis is not recommended. Consider activated charcoal and/or gastric lavage.

COCOBEAR™**5. FIRE FIGHTING MEASURES**

FLASHPOINT AND METHOD: > 95° C (203° F) Tag Closed Cup

FLAMMABLE CLASS: This product is NOT classified as flammable or combustible by OSHA.

EXTINGUISHING MEDIA: Foam, carbon dioxide, alcohol foam, dry chemical.

UNUSUAL FIRE & EXPLOSION HAZARDS: Porous material such as rags, paper, insulation, or organic clay wetted with this material may be combustible. Under fire conditions this product may support combustion and may decompose to give off toxic gases such as carbon monoxide, carbon dioxide, and nitrogen oxides.

FIRE FIGHTING PROCEDURES: Treat as an oil fire. Use a full-faced self-contained breathing apparatus and full protective gear. Keep nearby containers and equipment cool with a water stream.

6. ACCIDENTAL RELEASE MEASURES

SPILL RESPONSE: Contain spill by diking to keep out of sewers. Eliminate ignition sources. Absorb spills with dry material such as sand and sweep up for disposal. This material will float on water. Absorbent pads and similar materials can be used. For large spills, barricade area and consult manufacturer.

WASTE DISPOSAL: Dispose in accord with local, state, and federal regulations.

ENVIRONMENTAL PRECAUTIONS: Concrete may be slowly deteriorated by contact; avoid recurring drips or leaks, and clean up spills promptly. Prevent further leakage or spillage if safe to do so. Prevent entry into waterways.

7. HANDLING AND STORAGE

HANDLING: Avoid application equipment, pumps, lines, and fittings made of the following materials: natural or nitrile rubber, neoprene, tygon, brass, bronze, copper, lead, tin, zinc. Do not use personal protection equipment made of natural, nitrile, or neoprene rubber. Do not contaminate water, food or feedstuffs, by storage, handling, or by disposal. Wash thoroughly after handling.

STORAGE: Store at temperatures below 110°F (54°C). Keep container closed. Always store pesticides in the original container. For bulk storage, vessels, pumps, pipes, and transfer lines can be carbon steel, but 316 or 304 stainless steel is preferred. Rubber hoses are not recommended for extended use.

KEEP OUT OF REACH OF CHILDREN.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines (TWA): ACGIH TLV and OSHA PEL is 5.0 MG/M3 for mineral oil.

Engineering Controls: Control airborne concentrations below the exposure guideline. Use only with adequate ventilation. Local exhaust is suggested for use in enclosed or confined spaces.

Personal Protective Equipment: Mixers, loaders, applicators and other handlers must wear long-sleeved shirt and long pants, shoes plus socks. Contact with the eyes and prolonged contact with the skin should be avoided. Do not use personal protection equipment made of natural, nitrile, or neoprene rubber.

Work Hygienic Practices: DO NOT SMOKE, EAT, OR DRINK, OR APPLY COSMETICS IN WORK AREA! Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking, or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: clear oily liquid

ODOR: detergent-like odor

DENSITY: 0.868 g/mL at 24.0°C

VISCOSITY: 4.5 centipoises at 20°C

pH: ND

VAPOR DENSITY: Not Determined

BOILING POINT: Not Determined

FREEZING POINT: Not Determined

FLASHPOINT & METHOD: see Section 5

SOLUBILITY IN WATER: Not soluble



COCOBEAR™

10. STABILITY AND REACTIVITY

STABLE: Stable at normal conditions
HAZARDOUS DECOMPOSITION PRODUCTS: Alcohols
CONDITIONS TO AVOID: Strong oxidizers. Keep away from extreme heat, sparks, open flame and strong oxidizing conditions.

11. TOXICOLOGICAL INFORMATION (test substance is COCOBEAR)

ACUTE
Dermal LD₅₀ > 5050 mg/kg
Oral LD₅₀: > 5000 mg/kg
Inhalation LC50 > 2.16 mg/L
Single dose oral toxicity is slight. Exposure incidental to industrial handling and prescribed use are not likely to cause injury.

EYE EFFECTS: Mildly irritating to the eye.
SKIN EFFECTS: Mildly irritating to the skin.
SENSITIZATION: Not a skin sensitizer
COMMENTS: None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as being carcinogenic.

12. ECOLOGICAL INFORMATION

Do not apply directly to water, except as directed for use.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
EMPTY CONTAINER: See container label for instructions on cleaning the container. Offer for recycling (if appropriate), or reconditioning, or puncture and dispose of container in a sanitary landfill, or by other procedures approved by State and Local authorities.
RCRA/EPA WASTE INFORMATION: This product contains the following RCRA/CERCLA Hazardous wastes/substances: None

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)
PROPER SHIPPING NAME
This material is not regulated as a hazardous material by the DOT (Shipping name: Insecticides, Insect or Animal Repellents, Liquid, N.O.S.)
PRIMARY HAZARD CLASS/DIVISION: none
AIR (ICAO/IATA)
SHIPPING NAME: not regulated
PRIMARY HAZARD CLASS/DIVISION: none
VESSEL (IMO/IMDG)
SHIPPING NAME: Not Available

15. REGULATORY INFORMATION

CERCLA
Reportable Quantity: there is no RQ for this product
Superfund Amendments and Reauthorization Act of 1986 (SARA)
Section 302 extremely hazardous substances: No
Section 311 hazardous chemical: No



COCOBEAR™

California Prop. 65 Components

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive effects

16. OTHER INFORMATION

	<u>NFPA HAZARD RATINGS</u>		<u>HMIS HAZARD RATINGS</u>	
0 - Minimal	Health	1	Health	1
1 - Slight	Flammability	1	Flammability	1
2 - Moderate	Instability	0	Physical	0
3 - Serious	Special	none	PPE	X
4 - Extreme				

Notes: We assign NFPA and HMIS ratings to this product based on the hazards of its ingredient(s). Since the user is most aware of the applications and conditions of use, he or she must ensure that the proper Personal Protective Equipment is provided, consistent with the information contained in Sections 7 and 8 of the MSDS.

The data contained herein are based on information currently available to Clarke Mosquito Control Products, Inc. and, to the best of our knowledge, are accurate and based on sound expert opinion. Our statements herein, however, are not to be taken as a warranty or representation for which Clarke Mosquito Control Products, Inc. assumes legal responsibility.