
**ACTIVE INGREDIENT**
Mineral Oil*................................................................. 10.0%
OTHER INGREDIENTS ............................................... 90.0%
TOTAL ........................................................................... 100.0%
* Contains petroleum distillate

**KEEP OUT OF REACH OF CHILDREN**
CAUTION

**FIRST AID**
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-214-7753 for emergency medical treatment information.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. 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.

NOTICE TO PHYSICIANS: This product contains petroleum distillate and may pose an aspiration pneumonia hazard.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION, Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

Personal Protective Equipment (PPE): Mixers, loaders, applicators, and other handlers must wear long-sleeved shirt and long pants, and shoes plus socks.

User Safety Requirements: Follow manufacturer’s instructions for cleaning/maintaining PPE. If no such instructions are available use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product’s concentrate. Do not reuse them.

Engineering Controls: Pilots must use an enclosed cockpit that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(6)].

**USER SAFETY RECOMMENDATIONS:** Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS**
Do not apply directly to water, except as directed for use on this label. Aquatic organisms may be killed in waters where this pesticide is used. Consult with the State or tribal agency with primary authority for regulating pesticides before applying this product to public waters to determine if a permit is needed.

**DIRECTIONS FOR USE**
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact adults, children, or pets, either directly or through drift. Only protected handlers may be in the area during application.

COCOBEAR may only be used to control mosquito larvae and pupae. COCOBEAR leaves a thin film on the surface of treated, non-flowing water and kills mosquito larvae and pupae by suffocation. COCOBEAR kills immature mosquitoes where they develop.

This product may be used for surface applications to standing water within irrigated croplands and pastures, drainage areas, ditches, stagnant pools, swamps, marshes, temporary rain pools, sloughs, log ponds, open sewage basins, settling ponds, catch basins, waste tires and intermittently flooded areas.

Apply at uniform rates of 3 gallons per surface acre (for smaller areas, treat at 10 ounces per 1,000 square feet or 1.5 quart per 5,000 square feet). Where there is extremely dense vegetation or if the water to be treated is high in organic content, up to 5 gallons per acre (15 ounces per 1,000 square feet or 2 quarts per 5,000 square feet) may be used.

When applying by aerial application, adjust spray volume up to 5 gallons per acre dependent on vegetation and surface conditions. 3 gallons per acre (36 gallons per 100 ft swath mile) is likely to be sufficient for most conditions.

**Spray Drift Management**
A variety of factors including weather conditions (e.g. wind direction, wind speed, temperature, and relative humidity) and method of application (e.g. ground, aerial) can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

**Wind Speed:** Do not apply this product at wind speeds greater than 15 mph at the application site.

**Droplet Size:** Apply as a medium or coarser spray (ASABE Standard 572), and the minimum mean volume diameter (VMD) for spinning atomizer nozzles.

**Temperature Inversions:** If applying at wind speeds less than 3 mph, the applicator must determine if (a) conditions of temperature inversion exist, or (b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

**Release Height for Ground Applications:** Apply using a nozzle height of no more than 4 feet above the surface.

**Aerial Applications:** Applications must conform to the requirements indicated above regarding wind speed, droplet size, and temperature inversions and to the additional requirements listed below.

**Release Height:** Do not release spray at a height greater than 10 feet above the surface.

**Boom Length:** The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter.

**Swath Adjustment:** When applications are made with a cross-wind, the swath will be displaced downhill. The applicator must compensate for this displacement at the downwind edge of the application area by adjusting the path of the aircraft uphill. Leave at least one swath unsprayed at the downwind edge of the treated area.

AL0263
STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

PESTICIDE STORAGE: Store upright at room temperature. In case of spill or leakage, soak up with absorbent material such as sand, sawdust, earth, fuller's earth, etc.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL (REFILLABLE DRUMS & TOTES): Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning the container before refilling is the responsibility of the refiller. To clean the container before disposal, drain the container until it is empty. Add a minimum amount of clean water to allow recirculation through the pump, meter, and hoses. A commercial tank-cleaning detergent may be used, if desired. Thoroughly drench the interior sides, ceiling, and floor of the container. Using a steam-cleaning process or a high-pressure/low-water process, clean sides, ceiling, and floor of container. Recirculate wash water through the pump, meter, and hoses. Drain the tank. Dispose of wash water or rinseate with pesticide waste. Offer cleaned container for recycling, if available, or puncture and dispose of it in a sanitary landfill, or by other procedures approved by State and local authorities.

CONTAINER DISPOSAL (2.5 GALLON JUGS): Nonrefillable container. Do not reuse or refill this container. When container is empty, drain it completely, then puncture and dispose of it in a sanitary landfill or by other procedures approved by State and local authorities.

NOTICE: To the extent provided by law, seller makes no warranty, expressed or implied, concerning the use of this product other than as indicated on the label. Buyer assumes all risk of use/handling of this material when use and/or handling is contrary to label instructions.

COCOBEAR™ is a trademark of Clarke Mosquito Control Products, Inc.

MANUFACTURED FOR:
CLARKE MOSQUITO CONTROL PRODUCTS, INC.
159 N. GARDEN AVENUE
ROSELLE, ILLINOIS 60172

EPA REG. NO. 8329-93
EPA EST. NO. 8329-IL-01

Available Packaging: 2.5 GAL, 30 GAL, 55 GAL, 275 GAL, BULK
LOT NO Marked on Container Label
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)

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Wt.%</th>
<th>CAS</th>
<th>TWA</th>
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</thead>
<tbody>
<tr>
<td>White Mineral Oil</td>
<td>10.000%</td>
<td>8042-47-5</td>
<td>5 mg/m3</td>
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</tbody>
</table>

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 of 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.
5.  FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD:  > 95°C (203º 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: Prevent further leakage or spillage if safe to do so. Prevent entry into waterways.

7.  HANDLING AND STORAGE

HANDLING: Take prudent precautions to avoid contact with skin, eyes, and clothing. Wash hands thoroughly after handling. Do not contaminate water, food or feedstuffs, by storage, handling, or by disposal.

STORAGE: Store in a cool, dry place. Keep container closed. Always store pesticides in the original container. Store away from food and pet-food.

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.

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

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 LD$_{50}$ > 5050 mg/kg
- Oral LD$_{50}$ > 5000 mg/kg
- Inhalation LC$_{50}$ > 2.16 mg/L

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

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

<table>
<thead>
<tr>
<th>0 - Minimal</th>
<th>NFPA HAZARD RATINGS</th>
<th>HMIS HAZARD RATINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 - Slight</td>
<td>Health</td>
<td>Health</td>
</tr>
<tr>
<td>2 - Moderate</td>
<td>Flammability</td>
<td>Flammability</td>
</tr>
<tr>
<td>3 - Serious</td>
<td>Instability</td>
<td>Physical</td>
</tr>
<tr>
<td>4 - Extreme</td>
<td>Special</td>
<td>PPE</td>
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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.