

# Material Safety Data Sheet

Date last revised: 13 January 2009

## I. General Information

<b>Chemical Name and Synonyms</b> Aliphatic Solvent	<b>Trade Name &amp; Synonyms</b> Mosquito Larvicide GB 1111 Golden Bear 1111 Mosquito Larvicide
<b>Chemical Family</b> Petroleum Hydrocarbon	<b>EPA Registration Number</b> 8329-72
<b>Proper DOT Shipping Name</b> Agricultural Insecticide, N.O.I., Non-hazardous	<b>DOT Hazard Classification</b> Not regulated by the US DOT as a hazardous material
<b>Manufacturer</b> Clarke Mosquito Control Products Inc.	<b>Manufacturer's Phone Number</b> (630) 894-2000
<b>Manufacturer's Address</b> 159 North Garden Avenue Roselle, Illinois 60172	<b>INFOTRAC</b> (Transportation/Spill Emergency) 1-800-535-5053 <b>Poison Control Center</b> (Medical Emergency) 1-800-214-7753

## II. Ingredients

Principal Hazardous Components	CAS #	OSHA -PEL-TWA	Percent
White Mineral Oil	8042-47-5	5 mg/m3 (Oil Mist)	98.7%

## III. Physical Data

<b>Boiling Point (°F):</b> Not Available	<b>Density @ 20 °C:</b> 0.853 g/mL	<b>Lbs./gallon:</b> 7.11
<b>Vapor Pressure (mm Hg.):</b> < 0.1 @ 20 °C	<b>Vapor Density (Air = 1):</b> >1	
<b>Solubility in Water:</b> Negligible	<b>pH:</b> 5.14 (1% w/w solution)	
<b>Appearance:</b> colorless, clear oily liquid	<b>Odor:</b> odorless	
<b>Viscosity cSt @ 40 °C:</b> 14.213	<b>Evaporation Rate (water=1):</b> Less than 0.1	

## IV. Fire & Explosion Hazard Data

<b>Flash Point (Test Method:</b> 166 °C (331 °F) (Cleveland)
<b>Extinguishing Media:</b> Foam, carbon dioxide, or dry chemical. Water may cause frothing. Water may be ineffective.
<b>Special Properties:</b> Material can burn but will not ignite. This material will release vapors when heated above the flash point temperature that can ignite when exposed to a source of ignition. In enclosed spaces, heated vapor can ignite with explosive force. Mists or sprays may burn at temperatures below the flash point.
<b>Special Protection:</b> Dense smoke. Firefighters must use full bunker gear including NIOSH-approved positive pressure self-contained breathing apparatus to protect against potential hazardous combustion or decomposition products and oxygen deficiencies. Cool fire exposed areas and equipment. Avoid the use of water.

## V. Health Hazard Data

<b>Primary Route of Entry:</b> Ingestion and, if a mist is generated, inhalation	<b>Toxicity:</b> Oral LD50 > 5,000 mg/kg Dermal LD50 > 5,000 mg/kg
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## VI. EMERGENCY FIRST AID

<b>Skin Contact:</b> Remove contaminated clothing and wash affected areas of skin with soap and water. Launder contaminated clothing before reuse.
<b>Eye:</b> Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.
<b>Inhalation:</b> Remove affected person to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.
<b>Ingestion:</b> Call a physician or Poison Control Center immediately. <b>Do not induce vomiting.</b> Vomiting may cause aspiration resulting in chemical pneumonia. Do not give anything by mouth to an unconscious person.
<b>Note to Physician:</b> Product contains petroleum distillate. Gastric lavage is indicated if material was taken internally. Vomiting may cause aspiration pneumonia.

### VII. Reactivity Data

<b>Stability:</b>	Stable
<b>Incompatibility</b>	Strong oxidizers such a hydrogen peroxide, and chromic acid.
<b>Hazardous Decomposition Products</b>	Carbon monoxide & carbon dioxide, smoke, fumes, and unburned hydrocaroons from burning/combustion.

### VIII. Environmental Protection Procedures

**Spill Response:** Do not touch damaged containers or spilled material unless wearing appropriate PPE. Slipping hazard; do not walk through spilled material. Stop leak if you can do so without risk. For small spills, sbsorb or cover with dry earth, sand, or other inert non-combustible absorbent material and place into waste containers for later disposal. Contain large spills to maximize product recovery or disposal. Prevent entry into waterways or sewers. In urban areas, clean up spill as soon as possible. In natural environments, seek cleanup advice from specialists to minimize physical habitat damage. This material will float on water. Absorbent pads and similar materials can be used. Comply with all laws and regulations.

**Storage:** Store tightly sealed and upright in its original labeled container, in a dry locked place out of reach of children. Avoid exposure to extreme temperatures. Avoid strong oxidizers. Eliminate all sources of ignition, such as flames and sparks.

**Waste Disposal:** Do not contaminate water, food, or feed by storage or disposal. Pesticide Disposal: Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of at or by an approved waste disposal facility. Container Disposal: Triple rinse (or equivalent), following product label instruction. Then offer for recycling or reconditioning, or dispose of in a landfill or by other approved State and local procedures. For guidance, contact your State Water Board or Regional Office of the EPA.

**Other Precautions:** Do not contaminate water by cleaning of equipment or disposal or wastes.

### IX. Special Protection Information

**Eye Protection:** OSHA-approved safety glasses, goggles or face shield suggested when mixing or loading tank.

**Skin Protection:** Handlers should wear protective clothing and chemical resistant gloves when mixing or loading tank. Avoid prolonged or repeated contact with skin or breathing of vapors, mist or fumes.

**Respiratory Protection:** Not likely to be needed

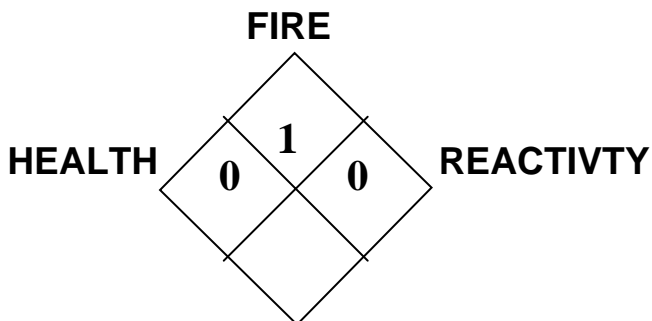
**Ventilation:** Local if necessary to maintain allowable PEL

**Other:** IMPORTANT. Read and observe all precautions and instructions on the label.

### X. Additional Regulatory Information

**Section 313:** This chemical does not contain any chemical subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

**NFPA Rating Information:**



**NFPA Code Key**

- 4 = Severe
- 3 = Serious
- 2 = Moderate
- 1 = Slight
- 0 = Minimal

The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. **NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.**