

Revision Date: March 23, 2002

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: MOSQUITO LARVICIDE GB-1111
 Alternate Name: Golden Bear 1111 Mosquito Larvicide

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NFPA HAZARD RATING 4 - Extreme 3 - High 2 - Moderate 1 - Slight 0 - Insignificant	Fire 1	
	Health 1	Reactivity 0
	Special	

SECTION 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Sold by:	Clark Mosquito Control Products, Inc.	General Phone: (630) 894-2000
Location:	159 North Garden Avenue Roselle, Illinois 60172	Emergency Phone: INFOTRAC: 1-800-535-5053

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Toxic and/or Hazardous Ingredients:

Ingredient Name	CAS #
* Hydrotreated light naphthenic distillate (petroleum) (if used in applications where a mist may be generated)	64742-53-6

SECTION 3: CHEMICAL & PHYSICAL PROPERTIES

<u>Chemical Name:</u>	Petroleum hydrocarbon
<u>Hazardous Decomposition Products:</u>	Carbon monoxide & carbon dioxide from burning. Oxides of nitrogen Oxides of sulfur
<u>Incompatibility (Keep away from):</u>	Strong oxidizers such as hydrogen peroxide, bromine, and chromic acid
<u>Form:</u>	Oily liquid
<u>Appearance:</u>	<u>Odor:</u> No objectionable odor
<u>Specific Gravity:</u> 0.8 to 0.92	<u>Color:</u>
<u>Melting Point:</u> Not applicable	<u>Boiling Point:</u> Greater than 190°C (374°F)
<u>Solubility in Water (by weight %):</u> 0	<u>pH:</u> Not applicable
<u>Evaporation Rate (water = 1):</u> Less than 0.1	
<u>Volatile (by weight %):</u> Less than 0.01 at 25 °C	
<u>Vapor Pressure (mm Hg at 20 °C):</u> Less than 1	
<u>Vapor Density (air = 1):</u> Less than 0.1	
<u>Stability:</u> Product is stable under normal conditions	
<u>Viscosity SUS at 100 °F:</u> Less than 100	
<u>Other physical properties:</u> Viscosity ≤ 18.6 cSt at 40 °C	

SECTION 4: FIRE AND EXPLOSION DATA

<u>Special Fire Fighting Procedures:</u>	Avoid use of water
<u>Unusual Fire and Explosion Hazards:</u>	Dense smoke. Fire fighters should wear an approved self-contained breathing apparatus
<u>Flashpoint: (Method used)</u>	> 124° C (Cleveland Open Cup)
<u>Flammable limits %:</u>	No data available
<u>Extinguishing agents:</u>	Dry chemical, water spray or CO ₂ Foam. Water may cause frothing. Water may be ineffective. Closed containers exposed to fire may be cooled with water.

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SECTION 5: HEALTH HAZARD DATA**Permissible concentrations (air):**If used in applications where a mist may be generated, observe a TWA/PEL of 5 mg/m³ for mineral oil mist (OSHA and ACGIH).**Chronic effects of overexposure:**

Prolonged contact may cause dermatitis (skin irritation). This product is not listed as, or anticipated to be, a potential carcinogen by the National Toxicology Program (NTP), International Agency for Research on Cancer (IARC) or the Occupational Safety and Health Administration (OSHA).

Acute Toxicological properties:

Contact may irritate skin. Causes eye irritation. May be fatal if swallowed. Potential inhalation hazard if used in applications where a mist may be generated.

Emergency First Aid Procedures:**Eyes:** Immediately flush with large quantities of water for at least 15 minutes and call a physician.**Skin Contact:** Wash with soap and water. If irritation develops, call a physician.**Inhalation:** Remove victim to fresh air. Call a physician.**If Swallowed:** Call a physician immediately. DO NOT induce vomiting (vomiting may cause aspiration into lungs resulting in chemical pneumonia).**Routes of Entry:**

Ingestion and, if a mist is generated, inhalation.

Target Organ(s):

Skin, Respiratory tract if a mist is generated. (The respiratory tract may become irritated).

Medical Conditions Aggravated by Exposure:

Persons susceptible to dermatitis (skin rash) may aggravate their condition by skin contact with this product.

SECTION 6: SPECIAL PROTECTION INFORMATION**Ventilation Type Required:**

Local if necessary to maintain allowable PEL (permissible exposure limit) or TLV (threshold limit value)

Respiratory Protection:

Use NIOSH/MSHA certified respirator with organic vapor cartridge if vapor concentration exceeds permissible exposure limit.

Protective Gloves:

Oil resistant

Eye Protection:

Chemical safety goggles

Other Protective Equipment:

None

SECTION 7: ACCIDENTAL RELEASE MEASURES**Procedures for Clean-Up:**

In case of spill or leak, absorb on an inert material such as earth, sand or vermiculite; sweep up and dispose of in accordance with federal, state and local regulations. If spilled into water, remove bulk of the product by skimming.

Waste Disposal:

Dispose of in accordance with all applicable federal, state and local regulations.

SECTION 8: SPECIAL PRECAUTIONS**Precautions to be taken in handling and storage:**

Avoid prolonged or repeated contact with skin or breathing of vapors, mists or fumes. Launder contaminated clothing before reuse. Keep containers tightly closed. Avoid strong oxidizers. Eliminate all sources of ignition such as flames or sparks.

SECTION 9: TRANSPORTATION DATA**D.O.T.:** Not Regulated**Reportable Quantity:** Not applicable**Freight Classification:** 65 Petroleum Oil, n.o.i.b.n.

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SECTION 18: ENVIRONMENTAL/SAFETY REGULATIONS

EPA Registration Number: 8329-72

Section 313 (Title III Superfund Amendment and Reauthorization Act): 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.

COMMENTS

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. ALWAYS read the product label prior to use.

Observe good industrial hygiene and safety precautions when handling this product.

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES

The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which Clark Mosquito Control Products, Inc. assumes 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.