

## Material Safety Data Sheet

### לגונה - Laguna

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#### 1. IDENTIFICATION OF SUBSTANCE AND COMPANY

**Common name:** Laguna

**Use:** Insecticide

**Formulation Type:** Emulsion

**Manufacturer:** Tapazol Chemical works Ltd.

**Address:** HaSolela 1, West ind. Zone, Beit Shemesh, 99052.

**Tel:** 972-2-992-6040 **Fax:** 972-2-9926050 **e-mail:** [info@tapazol.co.il](mailto:info@tapazol.co.il)

#### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS no.	Quantity (%)
Mineral Oil	72623-86-0	80
Other non-hazardous ingredients	-	Till 100

#### 3. HAZARDS IDENTIFICATION

**Human hazards:** The product is harmful by ingestion and in contact with skin. It and may cause eye, skin and respiratory system irritation and skin sensitization.

**Environmental hazards:** The product is toxic to fish and aquatic organisms.



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#### 4. FIRST AID MEASURES

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**Eyes:** Flush eyes with large amounts of water while eyelids are open for at least 15 minutes. If irritation develops, get medical attention.

**Skin:** Flush with large amounts of water. Remove grossly contaminated clothing, including shoes, and launder before reuse. If irritation develops and persists, get medical attention.

**Ingestion:** If swallowed, DO NOT induce vomiting. Keep at rest and get prompt medical attention.

**Inhalation:** Wear proper respiratory protection before rescue. Immediately remove the affected victim from exposure to an area of fresh air. Administer artificial respiration if breathing has stopped. Keep at rest and call for prompt medical attention.

**Note to physician:** No specific antidote, treat symptomatically.

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#### 5. FIRE-FIGHTING MEASURES

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**Flash point:**  $>120^{\circ}\text{C}$ .

**Flammable properties:** Not flammable or explosive.

**Extinguishing media:** Foam,  $\text{CO}_2$ , water mist, dry chemical powders.

**Protective equipment:** Wear self-contained breathing apparatus. Avoid inhaling smoke and vapors arising from fire ( $\text{CO}$ ,  $\text{CO}_2$ ).

**Hazardous products of combustion may include:** Smoke, toxic and irritating fumes.

**More information:** Do not allow run-off from the fire enter drains or water courses.

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## 6. ACCIDENTAL RELEASE MEASURES

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**Personal protection:** Wear personal protective equipment as prescribed in section

8 – "Exposure controls/Personal protection".

Spilt products present a significant slip hazard.

**Environmental Protection:** Prevent the material from entering sewage and water courses.

**Procedure:** Absorb with material such as sand or sawdust and collect into containers for disposal. Dike area in case of large spills. Report large spills. For spills in public area, keep public away and advise local authorities. Wash clothes, equipment and work area after cleaning.

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## 7. HANDLING AND STORAGE

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**Storage:** Store in tightly closed original container in a cool, dry well-ventilated area out of direct sunlight and out from the reach of children. Do not store with food, feedstuffs, fertilizers and seeds.

**Handling:** Wear personal protective equipment as prescribed in section 8 – "Exposure controls/Personal protection".

Do not eat, drink or smoke while handling.

Change clothes and wash thoroughly when finishing working with the product.

Wash working clothes in separate from household laundry and do not re-use clothes that are not washed.

See product label for further handling/storage precautions relative to the end use of this product.

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## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

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Avoid contact with skin or eyes.

Spilt products present a significant slip hazard.

**Occupational Exposure Limits:** 8Hr TWA: 5mg/m<sup>3</sup> STEL: 10 mg/m<sup>3</sup>

**Engineering controls:** The use of local exhaust ventilation is recommended to control process emission near the source.

**Eye/ Face protection:** Chemical goggles with side shields.

**Skin/Body protection:** Long working clothes, closed shoes with socks and chemical resistant gloves.

**Respiratory protection:** Normally not required, but if airborne concentration may be high, a respirator with appropriate filter is needed.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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**Appearance:** White paste.

**Odor:** Characteristic.

**Water solubility:** Emulsion.

**Specific gravity:** 0.85 (20<sup>0</sup>C).

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## 10. STABILITY AND REACTIVITY

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**Chemical stability:** Stable under ordinary conditions of use and storage.

**Conditions to avoid:** Heat, flame, ignition sources, strong acids and bases.

**Hazardous polymerization:** Will not occur.

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## 11. TOXICOLOGICAL INFORMATION

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### **Acute toxicity:**

**Oral:** LD50 for rat: >2000 mg/kg body weight. Ingestion may cause nausea, vomiting, diarrhea.

**Dermal:** LD50 for rat: >2000 mg/kg body weight. Not harmful upon brief contact. Repeated and prolonged contact may cause skin disorders.

**Inhalation:** LC50 for rat (4h): >2.5 mg/l. Irritant for respiratory organs.

**Skin irritation:** Slightly irritant (rabbits).

**Eye irritation:** Slightly irritant (rabbits).

**Skin sensitization:** Mild sensitizer (guinea pigs).

### **Chronic toxicity:**

The product does not have reproductive or carcinogenic effects.

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## 12. ECOLOGICAL INFORMATION

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**Fish and aquatic organisms:** This product can be expected to toxic to fish, daphnia and algae since it forms a film on water surface, thus preventing oxygen passage.

**Bees:** Expected to be slightly toxic to bees.

**Bioaccumulative potential:** Bioaccumulative, based on logP values of constituents.

**Mobility:** Mobile liquid. Insoluble in water. Non volatile.

**Persistence and Degradability:** non bio-degradable.

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## 13. DISPOSAL CONSIDERATIONS

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Dispose of according to local regulations. Avoid entry of product into sewer system or water surfaces.

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## 14. TRANSPORT INFORMATION

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Keep the product in its original container, duly sealed and labeled.

**UN no.:** As this product is not classified as Dangerous good, there is no UN number.

**Class:** N/A

**Packaging group:** N/A

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## 15. REGULATORY INFORMATION

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**R phrases:**

R21/22: Harmful in contact with skin and if swallowed

R36/37/38: Irritating to eyes, respiratory system and skin

R52/53: Harmful to aquatic organisms, May cause long-term adverse effects in the aquatic environment

R43: May cause sensitization by skin contact

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## 16. OTHER INFORMATION

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