

## Material Safety Data Sheet

בראשית

Genesis

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Version: 3

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### 1. IDENTIFICATION OF SUBSTANCE AND COMPANY

**Common name:** בראשית Genesis

**Use:** Oil for dormancy break

**Formulation Type:** EW

**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 (g/l)
Fluazinam	79622-59-6	15
Other non-hazardous ingredients	N/A	Till 1 liter

### 3. HAZARDS IDENTIFICATION

**Human hazards:** Toxic if swallowed. May cause irritation to skin and eyes.

May cause skin sensitization.

Dangers to use by women at fertility age

The product may have chronic effects, see section 11 for details.

**Environmental hazards:** The product is very toxic to 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 and persists, 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:** 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:**  $>100^{\circ}\text{C}$ .

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

**Extinguishing media:** Water spray, foam, dry chemical,  $\text{CO}_2$ .

**Protective equipment:** Normal protective equipment and self-contained breathing apparatus.

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

**More information:** Keep unnecessary people away. If it can be done safely, remove intact containers from the fire. Otherwise, use water spray to cool them.

Do not allow run-off from the fire enter drains or water courses. Dispose of fire control water or other extinguishing agent and spillage safely later.

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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".

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

**Procedure:** Spilt products present a significant slip hazard. Absorb with material such as sand or earth 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

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## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

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**Engineering controls:** If airborne mists or vapors are likely to be generated, use local exhaust ventilation controls.

**Eye/ Face protection:** If there is splash hazard, chemical goggles with side shields are required.

**Skin/Body protection:** Long working clothes, closed shoes with socks and chemical resistant gloves (neoprene, nitrile, butyl).

**Respiratory protection:** If airborne concentration may be high, a respirator with ABEK filter is needed.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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**Appearance:** Orange-red viscous liquid

**Odor:** Characteristic.

**Water solubility:** Forms an emulsion.

**Specific gravity:** 0.88 (20°C).

**Viscosity:** 10-15 P.a.s

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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 rats: 5000mg/kg.

**Dermal:** LD50 for rats: >2000 mg/kg.

**Inhalation:** 5.647 mg/l air

**Skin irritation:** Not irritation.

**Eye irritation:** Not irritation.

**Skin sensitization:** Moderate skin sensitization.

### Chronic toxicity:

The AI may have reproductive and developmental effects.

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## 12. ECOLOGICAL INFORMATION

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### For the AI Fluazinam:

**Fish:** LC50 (96) for rainbow trout: 0.036 mg/l.

**Daphnia:** LC50 (48h): 0.22 mg/l.

**Algae:** EC50 (96h): 0.16 mg/l.

**Birds:** Acute oral LD50 for bobwhite quail: 1782 mg/kg, for mallard ducks: >4190 mg/kg.

**Bees:** LD50 oral: >100 µg/bee, LD50 contact: >200 µg/bee.

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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. Do not re-use empty container for any other purpose.

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## 14. TRANSPORT INFORMATION

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**UN no.:** 3082 (Environmentally hazardous substance, liquid, N.O.S.).

**Class:** 9

**Packing group:** III

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## 15. REGULATORY INFORMATION

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**Hazard symbols:**



Acute hazards to the aquatic environment, category 1.

**Hazard statements:**

H410: Very toxic to aquatic life with long lasting effects.

**Precautionary statements:**

P102: Keep out of reach of children

P103: Read label before use

P270: Do not eat, drink or smoke when using this product

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## 16. OTHER INFORMATION

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