

## Material Safety Data Sheet

### דילאמיד - Dilamide

Date of issue: 01.1998

Version: 2

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#### 1. IDENTIFICATION OF SUBSTANCE AND COMPANY

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**Common name:** Dilamide

**Use:** Plant Growth Regulator (thinning apples).

**Formulation Type:** WP

**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)

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#### 2. COMPOSITION/INFORMATION ON INGREDIENTS

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Name	CAS no.	Quantity (%)
1-Naphthaleneacetamide	86-86-2	10%
Other non-hazardous ingredients	N/A	90%

**Active ingredient other names:** 2-(1-naphthyl)acetamide, NAD.

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#### 3. HAZARDS IDENTIFICATION

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No specific hazards.

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#### 4. FIRST AID MEASURES

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**Eyes:** Flush eyes with large amounts of water for at least 15 minutes while eyelids are open. 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. Give 1-2 glasses of water to drink. Keep at rest and get prompt medical attention.

**Inhalation:** Immediately remove the affected victim from exposure to an area of fresh air. If breathing has stopped, administer artificial respiration, 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:** N/A.

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

**Extinguishing media:** Water spray, foam, dry chemical, CO<sub>2</sub>.

**Protective equipment:** Self-contained breathing apparatus and protective clothing.

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

**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".

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

**Procedure:** Sweep and shovel solid product into containers for disposal. Consult an expert on disposal of recovered product and ensure conformity to local regulations. 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.

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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:** Protective goggles with side shields are required if dust can be generated.

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

**Respiratory protection:** Normally not required, but if airborne concentration may be high, a respirator with particles filter (P<sub>3</sub>) is needed.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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**Appearance:** White powder.

**Solubility:** Disperses in water, soluble in acetone, ethanol and isopropanol, insoluble in kerosene.

**Density:** 0.34-0.47 (packed, unpacked).

**pH:** Neutral as saturated solution.

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## 10. STABILITY AND REACTIVITY

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

**Conditions to avoid:** Heat, flame, ignition sources, strong acids and bases. Avoid dispersion of powder in the air to reduce potential risk of explosion.

**Hazardous polymerization:** Will not occur.

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## 11. TOXICOLOGICAL INFORMATION

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### Acute toxicity:

**Oral:** LD50 for rat: >5000 mg/kg.

**Dermal:** LD50 for rabbit: >5000 mg/kg.

**Inhalation:** LC50 for rat: >2.17 mg/l. Not considered as toxic through this administration route.

**Skin irritation:** May cause slight irritation (rabbit).

**Eye irritation:** Not irritant (rabbit).

### Chronic toxicity:

In rats and rabbits, the AI have shown some developmental effects, but only at doses that are toxic to the mother.

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## 12. ECOLOGICAL INFORMATION

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Do not apply directly on water.

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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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This product is not classified as dangerous goods.

**UN no.:** N/A

**Class:** N/A

**Packaging group:** N/A

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## 15. REGULATORY INFORMATION

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### **S phrases:**

S1/2: Keep locked up and out of the reach of children

S3/7/9: Keep container tightly closed in a cool, well-ventilated place

S13: Keep away from food, drink and animal foodstuffs

S20/21: when using do not eat, drink or smoke

S22: do not breathe dust

S24/25: avoid contact with skin and eyes.

S26: in case of contact with eyes wash immediately with plenty of water and seek medical advice

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## 16. OTHER INFORMATION

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