

Material Safety Data Sheet

סקיפר - Skipper

Revised: 14.05.12

Previous revision: 09.2006

1. IDENTIFICATION OF SUBSTANCE AND COMPANY

Common name: Skipper

Use: Fungicide

Formulation Type: EC

Manufacturer: Tapazol Chemical works Ltd.

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

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2. COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS no.	Quantity (g/l)
Difenoconazole	119446-68-3	250
NP8	37205-87-1	<100
Solvent Naphtha (Petroleum), Heavy Aromatic	64742-94-5	Till 1 liter

3. HAZARDS IDENTIFICATION

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

Environmental hazards: The product is very toxic to aquatic organisms.



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4. FIRST AID MEASURES

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.

5. FIRE-FIGHTING MEASURES

Flash point: 66⁰C (closed cup).

Flammable properties: Contains combustible inerts.

Extinguishing media: Water spray, foam, dry chemical, CO₂. Do not use direct stream of water.

Protective equipment: Full protective gear and self-contained breathing apparatus.

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.

6. ACCIDENTAL RELEASE MEASURES

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: 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.

7. HANDLING AND STORAGE

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.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure standards: The manufacturer of the Solvent Naphtha (Petroleum), Heavy Aromatic recommends an occupational exposure limit of 100 mg/m^3 (8 hour TWA).

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 (e.g PVC, nitrile).

Respiratory protection: If airborne concentration may be high, an air-purifying respirator with ABEK filter is needed.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear amber liquid.

Odor: Non-specific.

Water solubility: Forms an emulsion.

Specific gravity: 1.02 (at 20°C).

Flash point: 66°C (closed cup).

pH: 7.25 (10% solution, 25°C).

10. STABILITY AND REACTIVITY

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.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:

Oral: LD50 for rat: 2500 mg/kg.

Dermal: LD50 for rat: >2000 mg/kg.

Inhalation: LC50 (4h) for rat >3.3 mg/l (for AI Difenoconazole).

Skin irritation: Moderate irritant (rabbit).

Eye irritation: Moderate irritant (rabbit).

Skin sensitization: Sensitizer (mouse).

12. ECOLOGICAL INFORMATION

For AI Difenoconazole:

Fish: LC50 (96h) for rainbow trout: 1.1 mg/l, for bluegill sunfish: 1.3 mg/l, for sheepshead minnows: 1.1 mg/l.

Daphnia: EC50 (48h): 0.77 mg/l.

Algae: EC50 (72h): 0.03 mg/l.

Birds: Acute oral LD50 (9-11 days) for mallard ducks: >2150 mg/kg, for japanese quail: >2000 mg/kg. Dietary LC50 (5d) for bobwhite quail: 4760 ppm, for mallard ducks: >5000 ppm.

Bees: Non-toxic to bees. LD50 (oral): >187 µg/bee, LD50 (contact): >100 µg/bee.

13. DISPOSAL CONSIDERATIONS

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



14. TRANSPORT INFORMATION

Proper Shipping name: Environmentally hazardous substance, liquid, N.O.S
(Difenocinazole)

UN no.: 3082

Class: 9

Packaging group: III

15. REGULATORY INFORMATION

R phrases:

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

R36/38: Irritating to eyes and skin

R43: May cause sensitization by skin contact

R50/53: Very toxic to aquatic organisms, May cause long-term adverse effects in the aquatic environment

16. OTHER INFORMATION

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