

Material Safety Data Sheet

עומר - Omer

Revised: 15.05.12
Last revision date: 02.2008

1. IDENTIFICATION OF SUBSTANCE AND COMPANY

Common name: Omer

Use: Fungicide

Formulation Type: EC

Manufacturer: Tapazol Chemical works ltd.

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2. COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS no.	Quantity (g/l)
Penconazole	66246-88-6	100

3. HAZARDS IDENTIFICATION

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

Environmental hazards: Toxic to aquatic organisms.

4. FIRST AID MEASURES

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, 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: Fine water spray, foam, dry chemical, CO₂.

Protective equipment: Full protective equipment 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

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

Eye/ Face protection: Chemical goggles with side shields.

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

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear yellow liquid.

Odor: Aromatic.

Flash point: 68-69⁰C (closed cup).

Water solubility: Forms an emulsion.

Specific gravity: 0.93 (at 20⁰C).

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: >2000 mg/kg.

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

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

Skin irritation: Moderate irritant (rabbit).

Eye irritation: Severe eye irritant (rabbit).

Skin sensitization: Sensitizer (mouse).

12. ECOLOGICAL INFORMATION

For AI Penconazole:

Fish: LC50 (96h) for rainbow trout: 1.3 mg/l, for carp: 3.8 mg/l, for bluegill sunfish: 2.8 mg/l.

Daphnia: EC50 (48h): 6.7 mg/l.

Algae: EC50 (3d): 1.7 mg/l.

Birds: Acute oral LD50 for japanese quail: 2424 mg/kg, for pekin duck: >3000 mg/kg, for mallard ducks: >1590 mg/kg. LC50 (5d) for bobwhite quail and mallard ducks: >5620 mg/kg.

Bees: LD50 (oral and contact): >5 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
(Penconazole)

UN no.: 3082

Class: 9

Packaging group: III

15. REGULATORY INFORMATION

R phrases:

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

R38: Irritating to skin

R41: Risk of serious damage to eyes

R43: May cause sensitization by skin contact

R51/53: Toxic to aquatic organisms, May cause long-term adverse effects in the aquatic environment

16. OTHER INFORMATION

Disclaimer: The information provided by TAPAZOL CHEMICAL WORKS Ltd. In the above document is given in good faith and to the best of our knowledge. However, no warranty is expressed or implied.