

Material Safety Data Sheet
וינטרזול סופר - Winterzol Super

Revised: 01.09.10

1. IDENTIFICATION OF SUBSTANCE AND COMPANY

Common name: Winterzol Super

Formulation Type: EC

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

2. COMPOSITION/INFORMATION ON INGREDIENTS

| Name | CAS no. | Quantity (%) |
|----------------|------------|--------------|
| Paraffinic Oil | 72623-86-0 | 80 |
| Isobutanol | 78-83-1 | 13 |

3. HAZARDS IDENTIFICATION

Physical hazards: Flammable liquid.

Human hazards: May cause irritation to skin, eyes and respiratory system.

Environmental hazards: Toxic to fish and aquatic organisms. Slightly toxic to bees.

4. FIRST AID MEASURES

Eyes: Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.

Skin: Flush with large amounts of water; use soap or detergent if available. Remove grossly contaminated clothing, including shoes, and launder before reuse. If irritation persists seek medical attention.

Ingestion: If swallowed, DO NOT induce vomiting. Keep at rest. 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. Call for prompt medical attention

Note to physician: No specific antidote, treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash point: 32.5⁰C, flammable.

Flammable properties: No fire or explosion hazards expected.

Extinguishing media: Foam, CO₂, water mist, dry chemical powders. Do not use water.

Protective equipment: Wear self-contained breathing apparatus.

Hazardous products of combustion may include: Avoid inhaling smoke and vapors arising from fire (CO, CO₂).

6. ACCIDENTAL RELEASE MEASURES

Personal protection: Avoid contact with skin and mucous. Spilt products present a significant slip hazard. Wear personal protective equipment as prescribed in section 8 – "Exposure controls/Personal protection".

Environmental Protection: Prevent spillage from getting into sewers, soil or water streams.

Procedure: Absorb with material such as sand or sawdust. Place in containers to be destroyed later. Dike area in case of large spills. Do not use water for cleanup. 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. Do not store at a temperature above 35°C.

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

Occupational exposure limits: 8Hr TWA: 5mg/ m³; STEL: 10 mg/ m³.

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

Eye/Face protection: Safety glasses with side shields.

Skin/Body protection: Long-sleeved shirt and long pants, hydrocarbon-resistant boots.

Respiratory protection: Mask with A2 filter.

Hand protection: Nitrile gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Transparent liquid.

Odor: Characteristic.

Flash point: 32.5⁰C.

Water solubility: Forms an emulsion.

Specific gravity: 0.85 (20⁰C).

Evaporation rate: Nearly zero.

10. STABILITY AND REACTIVITY

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

Conditions to avoid: Temperatures above 35°C, flame, ignition sources, dusting and incompatibilities.

Incompatibilities: strong oxidative agents, strong acids

Hazardous decomposition products: Irritating gases.

Hazardous polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:

Oral: LD50 for rat: >2000 mg/kg. Symptoms may include nausea, vomiting, diarrhea.

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

Inhalation: LC50 for rat (4h): >2.5 mg/l. May cause irritation to the respiratory system.

Skin irritation: Slight irritant. Not harmful upon brief contact. Repeated and prolonged contact may cause skin disorders.

Eye irritation: Slight irritant.

Skin sensitization: Non-sensitizer.

Chronic toxicity: The product is not carcinogenic.

12. ECOLOGICAL INFORMATION

Fish and aquatic organisms: Toxic to fish, daphnia and algae since it forms a film on water surface and thus preventing oxygen passage.

Bees: Slightly toxic to bees.

13. DISPOSAL CONSIDERATIONS

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

Package must be disposed of at an authorized waste site.

14. TRANSPORT INFORMATION

UN no.: 1993 (Flammable liquid).

Class: 3

Packaging group: III

15. REGULATORY INFORMATION

R phrases:

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

R51: Toxic to aquatic organisms

16. OTHER INFORMATION

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