

Material Safety Data Sheet

וינטרזול - Winterzol

Revised: 29.05.12

1. IDENTIFICATION OF SUBSTANCE AND COMPANY

Common name: Winterzol

Formulation Type: EC

Manufacturer: Tapazol Chemical works ltd.

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2. COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS no.	Quantity (g/l)
Paraffinic Oil	72623-86-0	830
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 while eyelids are open. 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: 32.5⁰C.

Flammable properties: Flammable liquid.

Extinguishing media: Foam, CO₂, water mist, dry chemical. Do not use water jet. Water jet can only be used to cool surfaces exposed to fire.

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

Hazardous products of combustion may include: Smoke, toxic and irritating gases, such as CO_x, SO_x, NO_x, HCl.

More information: Do not allow run-off from the fire enter drains or water courses.

6. ACCIDENTAL RELEASE MEASURES

Personal protection: Avoid contact with skin and eyes. Spilt products present a significant slip hazard. 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 absorbent 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

Occupational exposure limits for Oil mists: TLV/TWA (8h): 5 mg/m³,
TLV/STEL: 10 mg/m³.

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 (nitrile, neoprene).

Respiratory protection: Normally not required, but if airborne concentration may be high, a respirator with ABEK filter is needed.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Transparent liquid.

Odor: Characteristic.

Flash point: 32.5°C.

Water solubility: Forms an emulsion.

Density: 0.85 g/ml (20°C).

10. STABILITY AND REACTIVITY

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

Conditions to avoid: Temperatures above 35°C, flame, ignition sources, strong acids and bases.

Hazardous polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:

Oral: LD50 for rat: >2000 mg/kg. Symptoms of large quantity ingestion 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: The product may form a film on water surface thus preventing oxygen passage. Therefore it can be considered as toxic to fish, daphnia and algae.

Bees: Slightly toxic to bees.

13. DISPOSAL CONSIDERATIONS

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

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

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.



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