

Material Safety Data Sheet

נרוזול - Nerozol

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1. IDENTIFICATION OF SUBSTANCE AND COMPANY

Common name: Nerozol

Use: Winter oil for dormancy break

Formulation Type: Emulsion

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 (%)
Paraffinic oil (NSO)	72623-86-0	80
Other non-hazardous ingredients	N/A	Till 100

3. HAZARDS IDENTIFICATION

The product is harmful by ingestion and may cause irritation to eyes, skin and respiratory system. It may cause skin sensitization.

4. FIRST AID MEASURES

Eyes: Flush eyes with large amounts of water 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.

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

Note to physician: No specific antidote, treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash point: $>120^{\circ}\text{C}$.

Flammable properties: No fire or explosion hazards expected.

Extinguishing media: Foam, CO_2 , water mist, dry chemical powders.

Protective equipment: Wear self-contained breathing apparatus.

Hazardous products of combustion may include: CO , CO_2 .

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: Spilt products present a significant slip hazard.

Absorb with material such as sand or sawdust 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 (under 35⁰C), 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: 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: Chemical goggles with side shields.

Skin/Body protection: Long working clothes, closed shoes, rubber gloves.

Respiratory protection: NIOSH/MSHA approved respirators may be necessary to prevent overexposure by inhalation.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White paste.

Odor: Characteristic.

Flashpoint: >120⁰C.

Water solubility: Forms an emulsion.

Specific gravity: 0.85 (20⁰C).

10. STABILITY AND REACTIVITY

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

Conditions to avoid: Heat, flame, ignition sources, dusting and incompatibles such as strong oxidizers.

Hazardous decomposition products: Complete combustion will emit carbon dioxide and water when heated to decomposition. Incomplete combustion gives addition carbon monoxide and oxidation products.

Hazardous polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:

Oral: LD50 for rats: >2000 mg/kg. Symptoms of toxicity: may cause nausea, vomiting and diarrhea.

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

Inhalation: LC50 for rat (4h): >2.5 mg/l. Irritant for respiratory organs.

Skin irritation: Slight irritant (rabbit).

Eye irritation: Slight irritant (rabbit).

Skin sensitization: Mild sensitizer (guinea pig).

Chronic toxicity:

The product is not carcinogenic and does not have reproductive effects.

12. ECOLOGICAL INFORMATION

Can be expected to be toxic to fish, daphnia and algae as it forms a film on water surface, thus preventing oxygen passage.

Bees: Slightly toxic.

Bioaccumulative potential: Bioaccumulative, based on logP values of constituents.

Mobility: Mobile liquid. Insoluble in water. Non volatile.

Persistence and Degradability: non bio-degradable.

13. DISPOSAL CONSIDERATIONS

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



14. TRANSPORT INFORMATION

UN no.: N/A - Not classified as dangerous goods.

Class: N/A

Packaging group: N/A

15. REGULATORY INFORMATION

R phrases:

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

R43: May cause sensitization by skin contact

R22: Harmful if swallowed

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

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

16. OTHER INFORMATION

Disclaimer: The information provided by TAPAZOL CHEMICAL WORKS Ltd.

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