

Material Safety Data Sheet

ווינר - Winner

Revised: 04.06.12 (format update only)

Previous revision date: 30.08.01

1. IDENTIFICATION OF SUBSTANCE AND COMPANY

Common name: Winner

Use: Dormancy break in apple, pear and plum trees

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 (g/l)
Ethephon	16672-87-0	6
Calcium dodecylbenzenesulphonate	Mixture - N/A	50
Winter Mineral Oil	N/A	Till 1 liter

3. HAZARDS IDENTIFICATION

The product is harmful if inhaled and may cause eye and skin irritation.

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: 30°C.

Flammable properties: Not flammable. No fire or explosion hazards expected.

Extinguishing media: Water spray, foam, dry chemical, CO₂. Do not use water jet.

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

Hazardous products of combustion may include: Smoke, toxic and irritating gases such as CO, CO₂.

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



תכשירים לחקלאות • תברואה • וטרינריה

אזור תעשייה מערבי בית שמש 99052 טל': 02-9926040, פקס: 02-9926050
www.tapazol.co.il • info@tapazol.co.il



6. ACCIDENTAL RELEASE MEASURES

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

Environmental Protection: Prevent the material from entering sewage and water courses.

Procedure: Absorb with inert 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

Exposure limits: TWA (8h): 5 mg/m³, 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 (neoprene, nitrile).

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Amber like liquid.

Odor: Characteristic.

Boiling point: 117-370°C.

Water solubility: Forms an emulsion.

Specific gravity: 0.85

Evaporation rat: Nearly zero.

Vapor density: Heavier than air.

Kinematic viscosity: 3 (typical).

Flash point: 30°C.

10. STABILITY AND REACTIVITY

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

Conditions to avoid: Heat (temperature above 60⁰C), flame, ignition sources, strong acids and bases.

Hazardous polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:

Oral: Evaluated LD 50 for rat: >2000 mg/kg. Symptoms may include nausea, vomiting, diarrhea.

Dermal: Evaluated LD 50 for rat: >4000 mg/kg. Repeated and prolonged contact may cause skin disorders.

Inhalation: Evaluated LC50 for rat: >5 mg/l.

Skin irritation: Irritant (rabbit).

Eye irritation: Irritant (rabbit).

Skin sensitization: Non-sensitizer (guinea pig).

Chronic toxicity:

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

12. ECOLOGICAL INFORMATION

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

Expected to be slightly toxic to bees.

Not expected to be inhibitory to sewage bacteria.



13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

The product is not classified as dangerous goods for transportation.

Proper shipping name, UN no., Class, Packaging group: N/A

15. REGULATORY INFORMATION

R phrases:

R22: Harmful if swallowed

R36: Irritating to eyes

R38: Irritating to skin

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.