

Conforms to 93/112/EEC and ISO 11014-1

MATERIAL SAFETY DATA SHEET SHAVIT 25 EC

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product name : SHAVIT 25 EC
Chemical name of active ingredient(s) : β -(4-chlorophenoxy)- α -(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol
Chemical formula : Triadimenol: $C_{14}H_{18}ClN_3O_2$
EU Cat. No. : N-Methyl-2-pyrrolidone: 606-021-00-7
Code no. : R-7879.G
Manufacturer : Makhteshim Chemical Works, Ltd.
P.O.B. 60, Beer Sheva 84100, Israel
Fax no.: 972-7-6296848-(364).
Emergency telephone number : 972-3-6106666
Subscription no.: 36789 (MAKHTESHIM).

2. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/preparation : Preparation.

Information on hazardous ingredients *

Common name	CAS No.	%	EC Number	Symbol	R-Phrases
Triadimenol	55219-65-3	250 g/l			
N-Methyl-2-pyrrolidone	872-50-4	Approx. 400 g/l	212-828-1	Xi	R36/38

* Occupational Exposure Limit(s), if available, are listed in section 8

3. HAZARDS IDENTIFICATION

Human health hazards : Harmful if swallowed.
Irritating to eyes.
Environmental hazards : Harmful to aquatic organisms.

4. FIRST-AID MEASURES

Effects and symptoms

Eye contact : Redness, tears.

First-aid measures

Inhalation : Remove victim to fresh air. Consult a doctor in the event of any complaints.
Ingestion : Induce vomiting. Never give anything by mouth to an unconscious person. Wash out mouth with water. Consult a doctor.
Skin contact : Remove contaminated clothing. Wash off with plenty of water and soap. Consult a doctor in the event of any complaints.
Eye contact : Wash off with plenty of water for at least 15 minutes. If pain persists, consult an eye specialist.
Notes to a physician : There is no specific antidote. Treat symptomatically and give supportive therapy.
If ingested perform gastric lavage and administer activated charcoal.

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5. FIRE-FIGHTING MEASURES

Extinguishing media

- Suitable : In case of a small fire: dry chemical, carbon dioxide.
 In case of a large fire : Water spray, fog or regular foam.
- Special fire-fighting procedures : Fight fires from a protected location. Dike fire control water for later disposal.
- Hazardous thermal (de)composition products : CO, CO₂, NO_x, HCl and Chlorides.
- Protection of fire-fighters : Wear suitable protective clothing.
 Self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Use appropriate protection (see section 8).
- Environmental precautions : Dispose of this material and its container at hazardous or special waste collection point,
 In accordance with national and regional regulations.
 If the product has contaminated surface water, inform the appropriate authorities.
 Contaminated soil layers have to be dug out.
- Methods for cleaning up : In the event of minor spillage: Absorb in sand or other inert material. Use appropriate containment to avoid environmental contamination.
 In the event of major spillage: Collect and contain as much free liquid as possible. Dike spills using absorbent or impervious materials such as sand or clay for later disposal.

7. HANDLING AND STORAGE

- Handling : Do not breathe fumes. Avoid contact with skin and eyes.
- Storage : Keep locked up. Keep container tightly closed. Keep only in the original container in a cool, well-ventilated place (<50°C). Keep container dry.
- Packaging materials
- Suitable : Resin-lined metal drums.
 Coextruded polyethylene bottles.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Engineering measures : Facilities storing or utilizing this material should be equipped with an eyewash facility and safety shower.
- Hygiene measures : Wash hands thoroughly after handling. Wash clothing separately before re-use.
- Occupational Exposure Limits
- Common name : Triadimenol
 TLV (USA) : Not established.
- Common name : N-Methyl-2-pyrrolidone
 TLV (USA) : Not established.
- Personal protective equipment
- Respiratory system : During spraying wear suitable respiratory equipment.

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Persistence/degradability : Half-life time (t_{1/2}) = 112-472 days.
 Ecotoxicity : Fish:
 LC₅₀ = 30.3 mg/l, 96 hours (Zebra fish).
 Birds:
 LD₅₀ > 2000 mg/kg.
 Bees:
 Non toxic.

13. DISPOSAL CONSIDERATIONS

Methods of disposal : Disposal according to the local legislation.

14. TRANSPORT INFORMATION

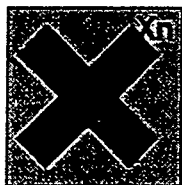
Not classified.

National transport regulations

No additional national transport regulations are known to the supplier

15. REGULATORY INFORMATION

Classification : This product is provisionally labelled by the supplier in accordance with the suppliers understanding of the EU regulations:
 Hazard symbol(s) : Xn



HARMFUL (Xn)

Risk phrases : R22: Harmful if swallowed.
 R36: Irritating to eyes.
 Safety phrases : S02: Keep out of the reach of children.
 S28: After contact with skin, wash immediately with plenty of water.
 S41: In case of fire and/or explosion do not breathe fumes. After contact with skin, wash immediately with plenty of water.
 Contains : 250 g/l Triadimenol,
 Approximately 400 g/l N-Methyl-2-pyrrolidone.

16. OTHER INFORMATION

Recommended use : Fungicide.

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The information contained in the Safety Data sheet is correct to the best of our knowledge at the date of issue. It is intended as a guide for the safe use, handling, disposal, storage and transportation and is not intended as a warranty or as a specification. The information relates only to the product specified and may not be suitable for combinations with other materials or in processes other than those specifically described herein.

HISTORY

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