

**MATERIAL SAFETY DATA SHEET**  
**THIONEX 50 WP****1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

Product name : THIONEX 50 WP  
Chemical name of active ingredient(s) : 1,2,3,4,7,7-Hexachloro-8,9,10-trinorborn-2-en-5,6-ylenedimethyl sulphite  
Chemical formula : Endosulfan:  $C_9H_6Cl_6O_3S$ .  
EU Cat. No. : Endosulfan: 602-052-00-5.  
Code no. : R-6107.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       |
|-------------|----------|-------|-----------|--------|-----------------|
| Endosulfan  | 115-29-7 | 50.00 | 204-079-4 | T, N   | R24/25-36-50/53 |

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

**3. HAZARDS IDENTIFICATION**

Human health hazards : Toxic by inhalation and if swallowed.  
Harmful in contact with skin.  
Environmental hazards : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**4. FIRST-AID MEASURES**

**Effects and symptoms** : Exposure may result in systemic poisoning: convulsions, dizziness, weakness, headache, confusion, ataxia (impaired locomotor coordination) and coma, cough, bronchospasm and lung oedema.

Inhalation : May result in systemic poisoning.  
Ingestion : May result in systemic poisoning.  
Skin contact : May result in systemic poisoning.  
Eye contact : Redness, tears.

**First-aid measures**

Inhalation : Remove victim to fresh air. Keep victim warm and at rest.  
If breathing is difficult: give oxygen.  
If not breathing: apply artificial respiration.  
Immediately get medical attention.

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|                             |  |
|-----------------------------|--|
| <b>Ingestion</b>            | : Induce vomiting only if victim is conscious. Never give anything by mouth to an unconscious person. Wash out mouth with water.<br>If breathing is difficult: give oxygen.<br>If not breathing: apply artificial respiration.<br>Immediately get medical attention.                                   |
| <b>Skin contact</b>         | : Remove contaminated clothing. Wash off with plenty of water and soap.<br>Get medical attention.  |
| <b>Eye contact</b>          | : Wash off with plenty of water for at least 15 minutes. Immediately consult an eye specialist.  |
| <b>Notes to a physician</b> | : There is no specific antidote. Treat symptomatically and give supportive therapy.<br>If ingested perform gastric lavage or treat with IPECAC (use IPECAC only if victim is conscious). Administer activated charcoal.<br>If victim is suffering from convulsions treat with Diazepam, Phenobarbital. |

### 5. FIRE-FIGHTING MEASURES

**Extinguishing media**

|   |   |
|---|---|
| <b>Suitable</b>                                   | : Not flammable. If involved in fire:<br>In case of a small fire: dry chemical, carbon dioxide.<br>In case of a large fire : water spray or alcohol resistant foam. |
| <b>Special fire-fighting procedures</b>           | : Fight fires from a protected location. Dike fire control water for later disposal.  |
| <b>Hazardous thermal (de)composition products</b> | : CO, CO <sub>x</sub> , HCl, SO <sub>x</sub> .  |
| <b>Protection of fire-fighters</b>                | : Wear suitable protective clothing. Self-contained breathing apparatus.  |

### 6. ACCIDENTAL RELEASE MEASURES

|                                  |   |
|----------------------------------|---|
| <b>Personal precautions</b>      | : Use appropriate protection (see section 8).   |
| <b>Environmental precautions</b> | : Dispose of this material and its container at hazardous or special waste collection point. If the product has contaminated surface water, inform the appropriate authorities. |
| <b>Methods for cleaning up</b>   | : Collect spilled material with shovel, place into a clean container and cover container loosely.   |

### 7. HANDLING AND STORAGE

|                            |  |
|----------------------------|--|
| <b>Handling</b>            | : Avoid generation of dust.<br>Do not breathe dust. Avoid contact with skin and eyes.  |
| <b>Storage</b>             | : Keep locked up. Keep container tightly closed. Keep only in the original container in a cool, well-ventilated place. Keep container dry. |
| <b>Packaging materials</b> |  |
| <b>Suitable</b>            | : Woven polypropylene bags with multi-ply paper inserts and polyethylene lining. Laminated bags, polyester + aluminium + polyethylene.     |

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

|                             |  |
|-----------------------------|--|
| <b>Engineering measures</b> | : Ventilation required. Facilities storing or utilizing this material should be equipped with an eyewash facility and safety shower. |
|-----------------------------|--|





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### 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)** : T, N



TOXIC (T)



DANGEROUS FOR THE ENVIRONMENT (N)

**Risk phrases** : R23/25: Toxic by inhalation and if swallowed.  
R21: Harmful in contact with skin.  
R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Safety phrases** : S01/02: Keep locked up and out of the reach of children.  
S22: Do not breathe dust.  
S28: After contact with skin, wash immediately with plenty of water water.  
S36/37: Wear suitable protective clothing and gloves.  
S38: In case of insufficient ventilation, wear suitable respiratory equipment.  
S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).  
S60: This material and its container must be disposed of as hazardous waste.  
S61: Avoid release to the environment. Refer to special instructions/Safety data sheets.

**Contains** : 50% Endosulfan.

### 16. OTHER INFORMATION

**Recommended use** : Insecticide.

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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**Date of issue** : 23/06/1998  
**Version** : 012.00.00

The version-number is made up of three parts; part 1 is a general information code, part 2 a country-specific code and part 3 a language-specific code

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: Dena Taubehouse.