

# WOODTEC

**SECTION I. IDENTIFICATION OF THE COMPANY/ UNDERTAKING AND OF THE SUBSTANCE/ PRODUCT**

Manufacturer	:	<b>Makhteshim Chemical Works Ltd.</b> PO Box 60 Beer Sheva 84100, Israel Telephone Number: 972-3-6100-6666 Fax Number: 972-7-629-6848
Distributor	:	<b>TIMBERMATE - HMT INDUSTRIES CORP.</b>
Address	:	6 Carlo Drive, Sta. Maria Industrial Estate Bagumbayan, Taguig, MM
Tel No	:	(02) 8354 - 5535
Website	:	www.hmtradingphil.com
Product Name	:	<b>WOODTEC</b>
Active Ingredient	:	Deltamethrin
Chemical Name	:	[1R-[1□(S*),3□]]-cyano(3-phenoxy phenyl)methyl 3-(2,2-dibromo ethenyl)- 2,2-dimethylcyclopropane carboxylate
Empirical Formula	:	C <sub>22</sub> H <sub>19</sub> Br <sub>2</sub> NO <sub>3</sub>

**SECTION II. COMPOSITION/ INFORMATION ON INGREDIENTS**

Common Name	CAS Number	% Content	EC Number	Symbol	R-Phrases
Deltamethrin	52918-63-5	2.50	258-256-6	T, N	R23/25-50/53
Aromatic solvent	64742-94-5	85.00	265-198-5	Xn	R65

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

**SECTION III. HAZARDS IDENTIFICATION**

Human health hazards: Harmful, may cause lung damage if swallowed. Harmful by inhalation.  
Irritating to the eyes and skin.  
Environmental Hazards: Harmful to aquatic organisms.

**SECTION IV. FIRST AID MEASURES**Effect and symptoms:

Eye Contact: Redness, tears

First Aid Measure

Inhalation: Bring victim to fresh air. Keep victim warm and at rest. If breathing is difficult, give oxygen. If not breathing, apply artificial respiration. Get medical advice if symptoms persist.

Ingestion: Induce vomiting. Do not give anything by mouth to an unconscious person. Wash out mouth with water. Keep patient at rest and get medical attention immediately.

Skin Contact: Remove contaminated clothing. Wash with plenty of water and soap.. Get medical care if irritation occurs.

Eye Contact: Immediately flush eyes with a large amount of running water. Hold eyelids apart while flushing to ensure the entire surface of the eye and lids are rinsed with water. Get medical care.

NOTES TO PHYSICIAN: There is no specific antidote. Treat symptomatically and give supported therapy. If ingested perform gastric lavage and administer activated charcoal.

**SECTION V. FIRE FIGHTING MEASURES**

Suitable extinguishing media: Not flammable, combustible. If involved in fire, use extinguishing media suitable for burning substance – water spray, fog or regular foam.

Special Fire Fighting Procedures: Fight fires from a protected location. Move containers from fire without risk. Dike fire control water for later disposal. Cool exposed containers with water spray.

Hazardous Thermal Decomposition Products: CO, CO<sub>2</sub>, NO<sub>x</sub> and Bromides

Protection of Fire Fighters: Wear suitable protective clothing. Self contained breathing apparatus. Move containers from fire without risk.

**Material Safety Data Sheet**  
**WOODTEC**

---

---

**SECTION VI. ACCIDENTAL RELEASE MEASURES**

---

Personal Precautions: Wear appropriate safety clothing (see section VIII).  
Environmental Precautions: Collect all waste material and place in closed marked containers. Dike runoff to prevent entry to water or drainage systems. If product has contaminated surface water, inform appropriate authorities. Contaminated soil should be dug out.  
Methods for cleaning up: In the event of minor spillage – absorb in sand or other inert materials. Use appropriate containment to avoid environmental contamination.  
In the event of major spillage – collect and contain as much as free liquid as possible. Dike spills using absorbent or impervious materials such as sand or clay for later disposal. Do not empty into drains.

---

**SECTION VII. HANDLING AND STORAGE**

---

Handling: Avoid generation of dust. Wash hands and exposed skin before eating, drinking or smoking and after work. Do not breathe vapor. Avoid contact with skin and eyes.  
Storage: Keep locked up. Keep container tightly closed. Keep only in the original container in a cool, dry well-ventilated area. Keep container dry.

---

**SECTION VIII. EXPOSURE / PERSONAL PROTECTION**

---

Engineering Measures: Ventilation required. 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.  
Common Name National Occupational Exposure Limits  
Deltamethrin TLV: Not established.

---

Personal Protective Equipment

Respiratory Protection: Use suitable respiratory equipment.  
Hand Protection: Use impervious gloves  
Eye Protection: Use safety glasses or face shields.  
Skin and Body Protection: Wear clean long-sleeved, body covering clothing and resistant boots.

---

**SECTION IX. PHYSICAL AND CHEMICAL PROPERTIES**

---

Physical State:	Liquid	Color, Odor:	Yellow-clear with characteristic odor.
Specific Gravity:	0.923	Melting Point:	Deltamethrin Tech: 98-102 °C
Molecular Weight	Deltamethrin: 505.22	Solubility in Water:	Deltamethrin tech: 2 ppb
Flash Point:	65.5 °C (Closed cup)	Lower Explosion Limit:	aromatic solvent (C-10): 0.8%
Upper Explosion Limit:	Aromatic solvent (C-10) 6.5%		

---

**SECTION X. STABILITY AND REACTIVITY**

---

Stability: Stable under normal storage conditions. Hazardous polymerization will not occur.  
Conditions to Avoid: Heat or open flame. Sunlight, sources of heat. Decomposes upon heating.  
Materials to Avoid: Avoid contact with oxidizing agents.  
Hazardous Reactions: Hazardous polymerization will not occur.  
Hazardous Decomposition Products: CO, CO<sub>2</sub>, NO<sub>x</sub>, HBr and Bromides

---

**SECTION XI. TOXICOLOGICAL INFORMATION**

---

Acute Oral Toxicity:	LD50 = 430 mg/Kg (rat)	Acute Dermal Toxicity:	LD50 = >2000 mg/Kg (rat)
Acute Inhalation Toxicity:	LC50 = 1.25 mg/L at 4Hrs (rat)	Skin Irritation:	Irritating (rabbit)
Eye Irritation:	Irritating (rabbit)	Sensitization:	Guinea pig maximization test: sensitizer
Carcinogenicity:	Not carcinogenic		

---

**SECTION XII. ECOLOGICAL INFORMATION**

---

Birds LD 50:	> 5000 mg/Kg (Mallard duck) 10000 mg/Kg (bobwhite quail)	Fish LC 50:	0.001-0.01 mg/L
--------------	---	-------------	-----------------

---

**Material Safety Data Sheet**  
**WOODTEC**

---

---

**SECTION XIII. DISPOSAL CONSIDERATIONS**

---

Methods of Disposal: Dispose according to local legislation.

---

---

**SECTION XIV. TRANSPORT INFORMATION**

---

International Transport Regulations

UN Number: 3352

Land-Road/Railways

Proper shipping name: Pyrethroid pesticide, liquid, toxic, Deltamethrin.

ADR/RID Class: 6.1 Label: 6.1

ADR/RID Item Number: 71 °C

Packing Group: III

Hazard Identification Number: 60

Inland Waterways

Proper shipping name: Pyrethroid pesticide, liquid, toxic, Deltamethrin.

Sea

Proper shipping name: Pyrethroid pesticide, liquid, toxic, Deltamethrin.

IMDG Class: 6.1

IMDG Page Number: 6219

Packing Group: III

Emergency Schedule (EmS) 6.1-02

Air

Proper shipping name: Pyrethroid pesticide, liquid, toxic, Deltamethrin.

UN/ID number: 3352

IATA-DGR Class: 6.1

National Transport Regulations

No additional national transport regulations are known to the supplier.

---

---

**SECTION XV. REGULATORY INFORMATION**

---

Classification: This product is provisionally labeled by the supplier in accordance with the suppliers understanding of the EU regulations.

Hazard Symbol Xn

Risk Phrase(s): R20: Harmful by inhalation.  
R65: Harmful, may cause lung damage if swallowed.

Safety Phrase(s): R36/38: Irritating to eyes and skin.  
S02: Keep out of reach of children.  
S23: Do not breath fumes.  
S24/25: Avoid contact with eyes and skin.  
S36/37: Wear suitable protective clothing and gloves.

Contains 2.5% Deltamethrin  
85% Solvent

---

---

**SECTION XV. OTHER INFORMATION**

---

Recommended Use: Insecticide

---

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