



KOHINOR 200 SL

R-17547.NMPFREE.
NEW

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

Trade name : KOHINOR 200 SL
Common name of active ingredients : Imidacloprid
Use : Insecticide
Company identification : Makhteshim Chemical Works Ltd.
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Emergency phone nr : +972-3-6106666 Subscription no. 36789 (Makhteshim)
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2. HAZARDS IDENTIFICATION

Human health hazards : No significant hazards.
Environmental hazard : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. COMPOSITION / INFORMATION ON INGREDIENTS

This product is considered to be hazardous and contains hazardous components.

Substance name	Value(s)	CAS No	EC No	Index No	Classification
Imidacloprid	17.1 %	138261-41-3	428-040-8	612-252-00-4	----- Xn; R22 N; R50-53
Propylene carbonate	20 %	108-32-7	203-572-1	607-194-00-1	----- Xi; R36

4. FIRST AID MEASURES

First aid
Inhalation : Remove victim to fresh air. Keep victim warm and at rest. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Immediately get medical attention.
Ingestion : Do not induce vomiting. Wash out mouth with plenty of water. Never give anything by mouth to an unconscious person. Seek medical advice (show the label where possible).
Skin contact : Remove affected clothing and wash all exposed skin area with soap and water, followed by warm water rinse. Obtain medical attention.
Eye contact : Consult an eye specialist.
Wash off with plenty of water
Note to physician : No specific antidote known. Treat symptomatically and give supportive therapy. If ingested perform gastric lavage and administer activated charcoal.

5. FIRE-FIGHTING MEASURES

Extinguishing media : Water spray , foam , dry chemical , carbon dioxide , sand .
Special procedures : Exercise caution when fighting any chemical fire. Fight fire in early stages if safe to do so. Dike fire control water for later disposal. Avoid discharging fire-fighting water to the environment.
Special exposure hazards : Thermal decomposition generates : hydrogen chloride , hydrogen cyanide , carbon monoxide , nitrogen oxides , sulfur dioxide .



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5. FIRE-FIGHTING MEASURES (continued)

Protection against fire : Wear proper protective equipment. Self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Use appropriate protection (see section 8).
Environmental precautions : Prevent entry to sewers and public waters. Do not discharge into the environment. Notify authorities if product enters sewers or public waters.
After spillage and/or leakage : Clean up any spills as soon as possible, using an absorbent material to collect it. Collect and contain as much free liquid as possible. Use suitable disposal containers.

7. HANDLING AND STORAGE

Handling : Use only in well ventilated areas.
Storage : Keep out of the reach of children . Keep away from food, drink and animal feedingstuffs . Keep only in the original container in a cool, well-ventilated place Store in dry, cool, well-ventilated area. Keep at temperature not exceeding 40 °C . Avoid temperatures below 0 °C .
Packing : High density polyethylene . Coextruded or fluorinated polyethylene containers .

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Industrial hygiene : Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Wash clothing before re-using. Wash hands thoroughly after handling.
- Respiratory protection : Filter mask .
- Skin protection : Wear suitable protective clothing
- Hand protection : Chemical resistant gloves.
- Eye protection : Chemical goggles or safety glasses.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : Liquid , clear
Colour : Light brown
Odour : Aromatic
pH value in distilled water : 6.0 - 8.0 (1%)
Density : ~ 1.17 g/cm³ (20 °C)
Viscosity at 40°C [mPa.s] : 0.004
Solubility in water : Soluble
Flash point [°C] : 97
Auto-ignition temperature [°C] : 295
Explosion limits : Not explosive

10. STABILITY AND REACTIVITY

Physico-chemical stability : Stable under normal conditions.
Hazardous decomposition products : Thermal decomposition may generate : hydrogen chloride , hydrogen cyanide , carbon monoxide , nitrogen oxides , sulfur dioxide .



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10. STABILITY AND REACTIVITY (continued)

Hazardous Polymerization : Will not occur.
Materials to avoid : strong acids , bases
Conditions to avoid : Direct sunlight , heat , open flame .

11. TOXICOLOGICAL INFORMATION

Rat oral LD50 [mg/kg] : > 2000
Rat dermal LD50 [mg/kg] : > 2000
Rat inhalation LC50 [mg/l/4h] : > 5.03
Dermal irritation (rabbit) : Not irritating
Eyes irritation (rabbit) : Not irritating
Sensitization : Non sensitizer
Mutagenicity : Not mutagenic

12. ECOLOGICAL INFORMATION

Ecological effects information : The data below are for Imidacloprid (Active ingredient):
96 H-LC50 - Rainbow trout [mg/l] : 211
48 H-EC50 - Daphnia magna [mg/l] : 85
72H- EC50 - Algae [mg/l] : >10 (Scenedesmus subspicatus)
24h -LC50 - Chironomus sp. [mg/l] : 0.0552

13. DISPOSAL CONSIDERATIONS

Disposal : Avoid release to the environment.
Dispose in a safe manner in accordance with local/national regulations.

14. TRANSPORT INFORMATION

- **UN No.** : 3082
- **Proper shipping name** : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (17.1% Imidacloprid)
- **Packing group** : III
- **Class** : 9
- **H.I. nr :** : 90
- **ADR/RID**
- **ADR class** : 9
- **ADR Packing group** : III
Sea transport
- **IMDG-Marine pollution** : YES

15. REGULATORY INFORMATION

EU Classification
Symbol(s)





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15. REGULATORY INFORMATION (continued)

- R Phrase(s)** : N: Dangerous for the environment.
: R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- S Phrase(s)** : S13 - Keep away from food, drink and animal feedingstuffs.
: S61 - Avoid release to the environment. Refer to special instructions/Safety data sheets.

16. OTHER INFORMATION

- Recommended uses and restrictions** : Insecticide
- Text of R-phrases in heading 3 :* : R22 - Harmful if swallowed.
: R36 - Irritating to eyes.
: R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- Print date** : 22 / 3 / 2010

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