

Material Safety Data Sheet

MEFISTO PASTE

Issue date: 10.03.2014

Version: 1

Revised: 25.05.2015

1. IDENTIFICATION OF SUBSTANCE AND COMPANY

Product name: Acetamiprid

Formulation Type: EC

Use: Insecticide

Chemical family: Neonicotinoid.

Chemical name: (E)-N¹-[(6-chloro-3-pyridyl) methyl]-N²-cyano-N¹-methyl acetamidine

Manufacturer: Tapazol Chemical works Ltd.

Address: HaSolela 1, West ind. Zone, Beit Shemesh, 99052.

Tel: 972-2-992-6040 **Fax:** 972-2-9926050

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name	CAS Number	Concentration (g/l)
Acetamiprid	135410-20-7	200
Other non-hazardous inert ingredients	N/A	Till 1 liter

3. HAZARDS IDENTIFICATION

Human hazards: moderately toxic by ingestion and may cause mild eye irritation

Environmental hazards: the Ai is slightly toxic to the aquatic life.

toxic to bees exposed to direct treatment. Do not apply this product while bees are actively visiting the treated area

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 and soap. Remove grossly contaminated clothing, including shoes, and launder before reuse. If irritation develops and persists, get medical attention.

Ingestion: Give plenty of water to drink. Never give anything by mouth to an unconscious person. Do not induce vomiting. Get 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: >100°C

Flammable properties: Not flammable.

Extinguishing media: Water spray, foam, dry chemical, CO₂.

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

Hazardous products of combustion may include: Toxic gases including carbon monoxide, carbon dioxide, oxides of nitrogen and smoke.

More information: Keep unnecessary people away. If it can be done safely, remove intact containers from the fire. Otherwise, use water spray to cool them.

Do not allow run-off from the fire enter drains or water courses. Dispose of fire control water or other extinguishing agent and spillage safely later.

6. ACCIDENTAL RELEASE MEASURES

Personal protection: Wear personal protective equipment as prescribed in section 8 – "Exposure controls/Personal protection".

Environmental Protection: Ventilate the space involved. Absorb, sweep up and place in container for disposal. Collect run-off water and transfer to drums or tanks for later disposal. Prevent the material from entering sewage and water courses.

Procedure: Absorb with 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

Engineering controls: Use in a well-ventilated area. If airborne mists or vapors are likely to be generated, use local exhaust ventilation controls.

Eye/ Face protection: Chemical goggles with side shields (EN 166).

Skin/Body protection: Long working clothes, closed shoes with socks and chemical resistant gloves (EN 374/3).

Respiratory protection: Approved Half-face mask (EN-140) with integrated filter ABEKA2P3 (EN 14387).

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Ultramarine violet clear liquid.

Odor: characteristic.

Water solubility: soluble

Density: 1-1.05 (20°C).

10. STABILITY AND REACTIVITY

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

Conditions to avoid: Heat, flame, ignition sources, strong acids and bases.

Hazardous polymerization: Will not occur.

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11. TOXICOLOGICAL INFORMATION

Acute Toxicity:

Oral LD₅₀ for rat: 500 mg/kg.

Dermal LD₅₀ for rat: >2000 mg/kg.

Inhalation: LC₅₀ for rat > 6.447 mg/l air.

Skin sensitization: non-sensitizer.

Skin irritation: Non irritant.

Eye irritation: Mild irritant.

12. ECOLOGICAL INFORMATION

For Active ingredient Acetamiprid:

Fish toxicity: LC₅₀ (24-96 hr) for carp >100mg/L.

Daphnia: LC₅₀ (24h) >200 mg/l.

Algae: E_rC₅₀ (72h) >98.3 mg/l

Bird toxicity: Acute oral LD₅₀ for mallard ducks 98, bobwhite quail 180 mg/kg. LC₅₀ for bobwhite quail >5000 ppm.

Bees: LD₅₀ (oral): 14.5 µg/bee, LD₅₀ (contact): 8.1 µg/bee

This material is toxic to bees exposed to direct treatment. Do not apply this product while bees are actively visiting the treated area.

13. DISPOSAL CONSIDERATIONS

Dispose of according to local regulations. Avoid entry of product into sewer system or water surfaces. Do not re-use empty container for any other purpose.

14. TRANSPORT INFORMATION

UN no.: 3082 (Environmentally hazardous substance, liquid, N.O.S.).

Class: 9

Packing group: III

15. REGULATORY INFORMATION

Hazard symbols:



Acute toxicity – oral, dermal, inhalation, category 4

hazard statement:

H301: Toxic if swallowed

H402: Harmful to aquatic life

Precautionary statements:

P102: Keep out of reach of children

P103: Read label before use

P270: Do not eat, drink or smoke when using this product

16. OTHER INFORMATION

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Tapazol be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Tapazol has been advised of the possibility of such damages.