

Material Safety Data Sheet

PICKUP

Date of issue: 12.11.12

Version: 5

Revised: 11.07.2018

1. IDENTIFICATION OF SUBSTANCE AND COMPANY

Common name: PICKUP

Use: Plant Growth Regulator

Formulation Type: EW

Manufacturer: Tapazol Chemical works ltd.

Address: HaSolela 1, West ind. Zone, Beit Shemesh, 9905415.

Tel: 972-2-992-6040 **Fax:** 972-2-9926050 **e-mail:** info@tapazol.co.il

2. COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS no.	Quantity (g/l)
Thidiazuron	51707-55-2	3
Other non-hazardous ingredients	N/A	Till 1 liter

3. HAZARDS IDENTIFICATION

Human hazards: The product is harmful if swallowed and in contact with skin.

Environmental hazards: The product is toxic to aquatic organisms.



Products for Agriculture • Veterinary • Public health

Western Industrial Zone, Beit Shemesh 9905415 Israel Tel. 972-2-9926040, 972-2-9926050

www.tapazol.co.il • info@tapazol.co.il



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

Ingestion: If swallowed, DO NOT induce vomiting. Keep at rest and get prompt 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 or explosive.

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

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

Hazardous products of combustion may include: Smoke, toxic and irritating gases.

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: Prevent the material from entering sewage and water courses.

Procedure: Spilt products present a significant slip hazard. 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: Normally ventilation is enough, but if airborne mists or vapors are likely to be generated and be high, 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: Normally not required, but if airborne concentration may be high, approved Half-face mask (EN-140) with integrated filter ABEK-1 P3 (EN 14387) is needed.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: white – off white viscous liquid.

Odor: Characteristic.

Flashpoint: >100°C.

Water solubility: Forms an emulsion.

Specific gravity: 0.87-0.89 (20°C).

Viscosity: 8-12 P.a.s

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.



11. TOXICOLOGICAL INFORMATION

Acute toxicity:

Oral: LD50 for rats: >2000 mg/kg.

Dermal: LD50 for rats: >2000 mg/kg.

Inhalation: LC50 for rats :> 5.803 mg/l air.

Skin irritation: Non irritant (rabbit).

Eye irritation: Non irritant (rabbit).

Skin sensitization: Non-sensitizing (Mice).

Chronic toxicity:

The AI is not carcinogenic or mutagenic and does not have reproductive effects.

12. ECOLOGICAL INFORMATION

For the AI Thidiazuron:

Birds: Acute oral LD50 for Japanese quail: >3160 mg/kg. Dietary LC50 (8d) for bobwhite quail and mallard duck: >5000 mg/kg diet.

Fish: LC50 (96h) for rainbow trout : >19 mg/l, for bluegill sunfish: >32 mg/l.

Daphnia: LC50 (48h): >10 mg/l.

Bees: Non-toxic to honeybees.

The product can be expected to be toxic to fish, daphnia and algae as it forms a film on water surface, thus preventing oxygen passage.



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

Proper Shipping name, UN no., Class, Packing group: N/A.

15. REGULATORY INFORMATION

Hazard symbols:



Acute hazards to the aquatic environment.

Hazard statements:

H302: Harmful if swallowed

H312: Harmful in contact with skin

H411: toxic to aquatic life with long lasting effects.

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



Products for Agriculture • Veterinary • Public health

Western Industrial Zone, Beit Shemesh 9905415 Israel Tel. 972-2-9926040, 972-2-9926050
www.tapazol.co.il • info@tapazol.co.il



16. OTHER INFORMATION

Disclaimer: The information provided by TAPAZOL CHEMICAL WORKS Ltd. In the above document is given in good faith and to the best of our knowledge. However, no warranty is expressed or implied.



Products for Agriculture • Veterinary • Public health
Western Industrial Zone, Beit Shemesh 9905415 Israel Tel. 972-2-9926040, 972-2-9926050
www.tapazol.co.il • info@tapazol.co.il

