

Material Safety Data Sheet

פרומו - Promo

Revised: 24.10.11

1. IDENTIFICATION OF SUBSTANCE AND COMPANY

Common name: Promo

Use: Herbicide

Formulation Type: SC

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

Name	CAS no.	Quantity (g/l)
Propyzamide	23950-58-5	500
Propylene Glycol	57-55-6	70-80

3. HAZARDS IDENTIFICATION

Human hazards: Promo is slightly toxic by ingestion and in contact with skin and may cause mild eye irritation.

The active ingredient Propyzamide is classified as a probable human carcinogen.

Based on animal data, the non-active ingredient Propylene Glycol may cause reproductive, teratogenic and mutagenic effects.

Environmental hazards: Toxic to aquatic organisms.



4. FIRST AID MEASURES

Eyes: Flush eyes with large amounts of water while eyelids are open. If irritation develops, get medical attention.

Skin: Flush with large amounts of water. Remove grossly contaminated clothing, including shoes, and launder before reuse.

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: Treat symptomatically. No specific antidote.

5. FIRE-FIGHTING MEASURES

Flash point: >100°C

Flammable properties: Slight fire hazard.

Extinguishing media: Dry chemical, carbon dioxide, water spray, foam.

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

Protective equipment: Self-contained breathing apparatus.

Fire Fighting: Move container from fire area if it can be done without risk. Do not scatter spilled material with high-pressure water streams. Dike for later disposal.

Use extinguishing agents appropriate for surrounding fire. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas. Do not allow run-off from the fire enter drains or water courses.

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: Absorb with material such as sand or sawdust 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

Exposure Limits: Propyzamide: 0.1 mg/m³ recommended TWA.

Engineering controls: Provide local exhaust ventilation system. Ensure compliance with applicable exposure limits.

Eye/Face protection: Chemical goggles with side shields. Provide an emergency eye wash fountain and quick drench shower in immediate work area.

Skin/Body protection: Long working clothes, closed shoes with socks and chemical resistant gloves.

Respiratory protection: Under conditions of frequent use or heavy exposure, respiratory protection may be needed. Any chemical cartridge respirator with organic vapor cartridge and dust and mist filter.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Off-white Liquid

Odor: Slight odor

Decomposition Point: >240°C

Vapor Pressure: Negligible at 25°C

pH: 7.4

Specific Gravity: 1.12

Viscosity: 0.985 Pa*s

Water solubility: Disperses

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.

Thermal decomposition products: Halogenated compounds, oxides of nitrogen and carbon.

Hazardous polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:

Oral: >2000 mg/kg for rats.

Dermal: >2000 mg/kg for rats.

Skin irritation: Non-irritant (rabbit).

Eye irritation: Mild irritant (rabbit).

Skin sensitization: Non-sensitizer (mouse).

Chronic toxicity:

The active ingredient Propyzamide is classified as a probable human carcinogen. Based on animal data, the non-active ingredient Propylene Glycol may cause reproductive effects and may be teratogenic and mutagenic.

12. ECOLOGICAL INFORMATION

For the active ingredient Propyzamide:

Birds: acute oral LD50 for Japanese quail: 8770 mg/kg, for mallard ducks: >14 mg/kg.

Dietary LC50 (8d) for bobwhite quail and mallard ducks: >10000ppm.

Fish: LC50 (96h) for Rainbow trout: >4.7 mg/l, for carp: >5.1 mg/l.

Daphnia: LC50 (48h) : >5.6 mg/l.

Bees: LD50: >100 microgram/bee. Not hazardous to bees.

Worms: LC50 for earthworms: >346 ppm.

13. DISPOSAL CONSIDERATIONS

Dispose of according to local regulations. Avoid entry of product into sewer system or water surfaces.

14. TRANSPORT INFORMATION

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

Class: 9

Packaging group: III

15. REGULATORY INFORMATION

R phrases:

R21/22: Harmful in contact with skin and if swallowed

R36: Irritating to eyes

R45: May cause cancer

R51/53: Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment

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.