

SAFETY DATA SHEET

PRAMITOL 4 L

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

Product name : PRAMITOL 4 L
Chemical name of active ingredient(s) : N₂,N⁴-di-isopropyl-6-methoxy-1,3,5-triazine-2,4-diamine
Supplier : Agan Chemical Manufacturers Ltd.
 Northern Industrial Zone,
 P.O.Box 262, Ashdod, Israel
Emergency telephone number : +972-8-8515211

2. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/preparation : Preparation

Information on hazardous ingredients *

Common name	CAS No.	%	EC Number	Symbol	R-Phrases
Prometon	1610-18-0	43 - 48	-	Not classified	

* *Occupational Exposure Limit(s), if available, are listed in section 8*

3. HAZARDS IDENTIFICATION

Most important hazards : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

4. FIRST-AID MEASURES

Effects and symptoms

First-aid measures : Remove victim from area of exposure. Wash off remaining material with plenty of water.

Inhalation : Remove victim to fresh air. If breathing is difficult: artificial respiration. Get medical attention.

Ingestion : Wash out mouth with plenty of water. Get medical attention. Never give anything by mouth to an unconscious person.

Skin contact : Remove contaminated clothing. Wash away remainder with water and soap.

Eye contact : Wash out with plenty of water with the eyelid held wide open for at least 15 minutes. Get medical attention.

Notes to a physician : There is no specific antidote. Treat symptomatically and give supportive therapy.

Protection of first-aiders : Use appropriate protection (see section 8).

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable : dry chemical, foam, carbon dioxide.

SAFETY DATA SHEET

PRAMITOL 4 L

Hazardous thermal (de)composition products : nitrogen oxides
Protection of fire-fighters : Self-contained breathing apparatus and total protection required in enclosed areas.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Wear suitable protective clothing.
Environmental precautions : Do not discharge into drains or the environment.
Methods for cleaning up : Absorb remainder in sand or other inert material. Dispose of in an authorized waste collecting point.

7. HANDLING AND STORAGE

Handling : Ventilation required.
Storage : Keep only in the original container. Keep in a cool, dry, well ventilated place away from direct sunlight.
Packaging materials
Suitable : High density polyethylene extrusion blow containers. Resin-lined metal drums.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures : Ventilation required.
Hygiene measures : When handling do not eat, drink or smoke. Wash hands thoroughly after handling. Wash clothing separately before re-use.
Occupational Exposure Limits
Common name : **Prometon**
: Not established
Personal protective equipment
Respiratory system : Respiratory protection is not required if good ventilation is maintained.
Skin and body : Wear suitable protective clothing. Chemical resistant boots.
Hands : Chemical resistant gloves.
Eyes : Safety goggles or face shield.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : Liquid
Colour : White
Odour : Faint odour
Boiling point : 100°C (Water)
Density : 1.05 ± 0.02 g/mL @ 20°C
Vapour pressure : 0.31 mPa @ 20°C (Prometon)
Solubility in water : 0.7 g/L @ 22°C (Prometon)
pH : 6 - 8
: CIPAC, MT 75
Flammability : Not flammable
Explosion properties : Not explosive
Oxidation properties : Not oxidizing

SAFETY DATA SHEET

PRAMITOL 4 L

10. STABILITY AND REACTIVITY

Stability : Not subject to polymerization.
Materials to avoid : Oxidizing agents, acids and alkali.
Hazardous reactions : None
Hazardous decomposition products : nitrogen oxides

11. TOXICOLOGICAL INFORMATION

Preparation

Acute toxicity - Oral : LD₅₀ (rat) = 3,712 mg/kg
Acute toxicity - Dermal : LD₅₀ (rabbit) > 5,000 mg/kg
Acute toxicity - Inhalation : LC₅₀ (rabbit) > 2.12 mg/L (4 hours)
Skin irritation : Not irritating (rabbit)
Eye irritation : Mildly irritating (rabbit)
Sensitization : Non sensitizer (guinea-pig)

Common name : **Prometon**
Chronic toxicity : NOEL (rat) = 20 ppm (2 years)
NOEL (mouse) = 400 ppm (20 months)
Carcinogenicity : EPA : Group D
EU : Not classified
IARC : Not classified
Mutagenicity : No effects observed.
Reproduction toxicity : No effects observed.

12. ECOLOGICAL INFORMATION

Common name : **Prometon**
Mobility : Soil - Moderately mobile.
Persistence/degradability : **Soil**
The product is highly persistent.
Half-life time (t_{1/2}): 500 days.
Degradation is primarily via: microorganisms.

SAFETY DATA SHEET

PRAMITOL 4 L

Ecotoxicity

: Fish

LC₅₀ (96 hours) rainbow trout = 19.6 mg/L
bluegill sunfish = 41.5 mg/L

Daphnia magna

EC₅₀ (48 hours) = 25.7 mg/L

Algae

EC₅₀ (7 days) = 0.210 mg/L

Birds

Bobwhite quail LD₅₀ > 2,264 mg/kg
LC₅₀ (8 day feeding) > 5,620 ppm

Mallard duck LD₅₀ = 3,158 mg/kg
LC₅₀ (8 day feeding) > 5,620 ppm

Bees

Contact LD₅₀ (48 hours) = 36 µg ai/bee

Harmful to aquatic organisms. Low toxicity: birds. Non toxic: bees.

13. DISPOSAL CONSIDERATIONS

Methods of disposal

: Dispose of in a pesticide approved landfill or in a chemical incinerator equipped with scrubbers, In accordance with national and regional regulations.

14. TRANSPORT INFORMATION

Not classified.

National transport regulations

No additional national transport regulations are known to the supplier

15. REGULATORY INFORMATION

Classification

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

Hazard symbol(s)

: N



DANGEROUS FOR THE ENVIRONMENT

Risk phrases

: R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SAFETY DATA SHEET

PRAMITOL 4 L

Safety phrases

: S02: Keep out of the reach of children.
S13: Keep away from food, drink and animal feedingstuffs.
S20/21: When using do not eat, drink or smoke.
S24/25: Avoid contact with skin and eyes.
S35: This material and its container must be disposed of in a safe way.
S36/37: Wear suitable protective clothing and gloves.
S57: Use appropriate containment to avoid environmental contamination.
S61: Avoid release to the environment. Refer to special instructions/Safety data sheets.

16. OTHER INFORMATION

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

HISTORY

Date of printing : 21/09/2004
Date previous issue : 13/09/2004
Date of issue : 13/09/2004
Version : 001

The version-number is made up of three parts; part 1 is a general information code, part 2 a country-specific code and part 3 a language-specific code