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PRAMITOL 4 L		H-0323-29652

SECTION 1. Identification of the substance/mixture and of the company/undertaking

Trade name : PRAMITOL 4 L
Substance name : Prometon: N2,N4-diisopropyl-6-methoxy-1,3,5-triazine-2,4-diamine
Company identification : ADAMA SOUTH AFRICA (PTY) LTD
21 Viben Street
Brackenfell 7560
Email : msds@mcw.co.il
Phone nr : +27 82 331 6463
+27 21 982 1460

SECTION 2. Hazards identification

Environmental hazard : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SECTION 3. Composition/information on ingredients

Substance name	Concentration % w/w	CAS No	EC No	Index No	REACH Reg.	Classification
Prometon	43 - 48 %	1610-18-0	-----	-----	----	Not classified (DSD/DPD)

SECTION 4. First aid measures

First aid measures : Remove victim from area of exposure. Wash away remainder with plenty of water.
Inhalation : Remove victim to fresh air. If breathing is difficult: artificial respiration .
Get medical attention .
Skin contact : Remove contaminated clothing . Wash away remainder with water and soap .
Eye contact : Wash out with water with the eyelid held wide open for at least 15 minutes. Get medical attention .
Ingestion : Wash out mouth with plenty of water. Get medical attention Never give anything by mouth to an unconscious person.
Note to physician : There is no specific antidote. Treat symptomatically and give supportive therapy.
Protection of first-aiders : Use appropriate protection (see section 8).

SECTION 5. Fire-fighting measures

Suitable extinguishing media : Dry chemical , water spray , foam , carbon dioxide .
Protection against fire : Self-contained breathing apparatus and total protection required in enclosed areas.
Hazardous decomposition products : Carbon oxides (CO, CO2) and nitrogen oxides .

SECTION 6. Accidental release measures

For emergency responders : Wear suitable protective clothing.
Environmental precautions : Do not discharge into the environment.
Clean up methods : Keep away from : open flame , sparks and heat . Absorb remainder in sand or other inert material. Dispose of this material and its container at hazardous or special waste collection points.

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SECTION 7. Handling and storage

- Handling** : Avoid contact with skin and eyes. Ventilation required. Keep away from : sparks , open flame and direct sunlight .
- Storage** : Keep only in the original container . Keep in a cool, well-ventilated place away from direct sunlight .

SECTION 8. Exposure controls/personal protection

Prometon: Data not available.

- : Ventilation required.
When using do not eat, drink or smoke. Wash hands thoroughly after handling. Wash clothing separately before re-use.
- Personal protection** : Wash clothing separately before re-use.
- **Respiratory protection** : Respiratory protection is not required if good ventilation is maintained
 - **Hand protection** : Chemical resistant gloves
 - **Skin protection** : Wear suitable protective clothing Chemicals resistant boots
 - **Eye protection** : Safety goggles or face shield

SECTION 9. Physical and chemical properties

- Physical state at 20 °C** : Liquid
- Colour** : White
- Odour** : Faint odour
- pH value** : 6-8
- Boiling point [°C]** : 100 (Water)
- Flammability** : Not flammable
- Vapour pressure [mPa]** : 0.306 @20 °C (Prometon)
- Density [g/ml]** : 1.05 ± 0.02 @ 20 °C
- Solubility in water** : Miscible
- Log P octanol / water at 20°C** : 2.69 @25 °C (Prometon)
- Explosive Properties** : Not explosive
- Oxidising properties** : Not oxidizing

SECTION 10. Stability and reactivity

- Stability** : Not subject to polymerization .
- Hazardous decomposition products** : Carbon oxides (CO, CO₂) , and nitrogen oxides .
- Materials to avoid** : Oxidizing agents , acids , alkali

SECTION 11. Toxicological information

- On product**
- Rat oral LD50 [mg/kg] : >2,000
 - LD50 Rabbit dermal [mg/kg] : >5,000
 - Rat inhalation LC50 [mg/l/4h] : >2.12 Maximum concentration attainable
- Dermal irritation (rabbit)** : Not irritant
- Eyes irritation (rabbit)** : Mildly irritating
- Sensitization** : Non-sensitizer (Guinea pig)
- Mutagenicity** : Prometon: Not mutagenetic.
- Carcinogenicity** : **Prometon:**
: EPA: Group D : Not Classifiable as to Human Carcinogenicity
EU , IARC: Not classified

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SECTION 11. Toxicological information (continued)

Toxic for reproduction : Fertility : Not teratogenic in animal experiments
Toxic for reproduction : Not teratogenic in animal experiments

SECTION 12. Ecological information

96 H-LC50 - Rainbow trout [mg/l] : 19.6
48 H-EC50 - Daphnia magna [mg/l] : 25.7
LD50 Birds [mg/kg] : > 2,264 Bobwhite quail
Bees LD50 [µg] : Not toxic to bees
Persistence - degradability : **Prometon: Soil**
: The substance is highly persistent
Half-life time (t1/2) : 500 days
: **Water:** :
: Adsorbs strongly to sediment
Mobility : **Prometon: Soil :**
: Moderately mobile

SECTION 13. Disposal considerations

General : Dispose in a safe manner in accordance with local/national regulations.
Dispose of in a pesticide approved landfill, or in a chemical incinerator equipped with scrubbers.

SECTION 14. Transport information

UN N° : 3082
Proper shipping name : UN3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Prometon), 9, III
- **H.I. no** : 90
- **IMO-IMDG - class or division** : 9
- **Packing group** : III
- **IMDG-Marine pollution** : Yes

SECTION 15. Regulatory information

EU Classification : Not classified by the EU

SECTION 16. Other information

Print date : 28 / 5 / 2014
Further information : None.

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