



# MATERIAL SAFETY DATA SHEET

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Revised edition no : 6

Date : 13/11/2020

Supersedes : 25/06/2014

## PROMETREX 500 SC

**H-0039-29602**

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

**Trade name** : PROMETREX 500 SC  
**Relevant identified uses** : Herbicide  
**Company identification** : ADAMA SOUTH AFRICA (PTY) LTD  
Ground Floor, Simeka House  
The Vineyards Office Estate  
99 Jip de Jager Drive  
Bellville 7530  
**Email** : SDS@ADAMA.com  
**Emergency phone nr** : + 27 82 446 8946  
+ 27 86 155 5777  
+ 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 |
|----------------|---------------------|-----------|-----------|----------|------------|----------------|
| Prometryn]     | 44 - 49 %           | 7287-19-6 | 230-711-3 | ----     | ----       | N; R50-53      |

### SECTION 4. First aid measures

**First aid measures**

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

**Skin contact** : Remove contaminated clothing and shoes. Wash away remainder with plenty of water.

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

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

**Note to physician** : No specific antidote known. Treat symptomatically and give supportive therapy.

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



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### SECTION 5. Fire-fighting measures

- Suitable extinguishing media** : For small fire : dry chemical powder , water spray carbon dioxide For large fire : foam , water fog , water spray.
- Protection against fire** : Self-contained breathing apparatus and total protection required in enclosed areas.
- Hazardous decomposition products** : Sulfur oxides , nitrogen oxides (NO, NO<sub>2</sub>) , carbon oxides (CO, CO<sub>2</sub>) .

### SECTION 6. Accidental release measures

- For emergency responders** : Wear suitable protective clothing, gloves and eye/face protection.
- Environmental precautions** : Do not empty into drains Do not discharge into the environment.
- Clean up methods** : Absorb in sand or other inert material. Collect spills and put it into appropriated container. Dispose of this material and its container at hazardous or special waste collection point. Keep away from combustible material.

### SECTION 7. Handling and storage

- Handling** : Ventilation required.
- Storage** : Keep in original containers. Keep away from food, drink and animal feeding stuffs. Store in dry, well-ventilated area.
- Precautions in handling and storage** : Handle in accordance with good industrial hygiene and safety procedures.
- Storage - away from** : Direct sunlight .

### SECTION 8. Exposure controls/personal protection

- TLV©** : Prometryn: 5 mg/m<sup>3</sup> :  
Ventilation required.
- : Wash hands thoroughly after handling. When using do not eat, drink or smoke. Wash clothing before re-using.
- Personal protection**
- **Respiratory protection** : No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation. .
  - **Hand protection** : Wear suitable gloves.
  - **Skin protection** : Wear suitable protective clothing Wear safety boots.
  - **Eye protection** : Chemical goggles or safety glasses.



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### SECTION 9. Physical and chemical properties

|                               |                           |
|-------------------------------|---------------------------|
| Physical state at 20 °C       | : Liquid                  |
| Colour                        | : Whitish                 |
| Odour                         | : Faint odour             |
| pH value                      | : 6-8                     |
| Boiling point [°C]            | : 100 (water)             |
| Flammability                  | : Not flammable           |
| Vapour pressure [mPa]         | : 0.114@ 25°C (Prometryn) |
| Density [g/ml]                | : 1.07± 0.02 @ 20°C       |
| Solubility in water           | : Miscible                |
| Log P octanol / water at 20°C | : 3.56 (Prometryn)        |
| Explosive Properties          | : Not explosive           |
| Oxidising properties          | : Not oxidizing           |

### SECTION 10. Stability and reactivity

|                                  |   |
|----------------------------------|---|
| Stability                        | : Stable under normal conditions.                                       |
| Hazardous decomposition products | : Sulfur oxides , nitrogen oxides (NO, NO2) , carbon oxides (CO, CO2) . |
| Materials to avoid               | : oxidizing agents , acids , alkali .                                   |

### SECTION 11. Toxicological information

|                                    |   |
|------------------------------------|---|
| <b>On product</b>                  |   |
| - Rat oral LD50 [mg/kg]            | : 2,812   |
| - Dermal, Rat LD50 [mg/kg]         | : > 4,000   |
| - Rat inhalation LC50 [mg/l/4h]    | : >3.48 Maximum concentration attainable                    |
| Dermal irritation (rabbit)         | : Not irritant .  |
| Eyes irritation (rabbit)           | : Not irritant .  |
| Sensitization                      | : Non sensitizer  |
| Mutagenicity                       | : (Prometryn): Not mutagenic                                |
| Carcinogenicity                    | : (Prometryn): EPA : Group E , EU , IARC : Not classified . |
| Toxic for reproduction : Fertility | : Not considered to be toxic for the reproductive system.   |
| Toxic for reproduction             | : Not teratogenic in animal experiments                     |



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### SECTION 12. Ecological information

**On product**

96 H-LC50 - Rainbow trout [mg/l] : 8.41

48 H-EC50 - Daphnia magna [mg/l] : 1.98

72 H-EC50 - Algae [mg/l] : 0.06

LD50 Birds [mg/kg] : Japanese quail &gt;2,000

Bees LD50 [µg] : Not toxic to bees

**Persistence - degradability** : **(Prometryn): Soil** :  
: Adsorbed on organic matter and clay.  
: Moderately persistent in soil.  
: Half-life time (t1/2) :40-70 days.

: **(Prometryn): Water** :  
: The product is not persistent.

**Mobility** : **(Prometryn): Soil** :  
: Low mobility .

### SECTION 13. Disposal considerations

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

### SECTION 14. Transport information

UN N° : 3082

- IMO-IMDG - class or division: 9

- IMDG-Marine pollution : Marine pollutant - Polluant marin

- Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. - IMO-IMDG - Packing group : III



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### SECTION 15. Regulatory information

**EU Classification** : EU Classification (67/548/EEC-88/379/EEC)

**Symbol(s)**



: N: N : Dangerous for the environment.

**R Phrase(s)**

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

**S Phrase(s)**

: S02 - Keep out of the reach of children.  
S13- Keep away from food, drink and animal feedingstuffs.  
S20- When using do not eat or drink.  
S29/35- Do not empty into drains; dispose of this material and its container in a safe way.  
S57- Use appropriate containment to avoid environmental contamination.  
S61 - Avoid release to the environment. Refer to special instructions/Safety data sheets.

### SECTION 16. Other information

**List of relevant R phrases (heading 3) :** R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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