

SAFETY DATA SHEET
EU Regulation No. 1907/2006,
Annex II

Page : 1

Revised edition no : 1

Date : 8 / 6 / 2015

Supersedes : 8 / 6 / 2015

PROMETREX 50 SC

H-0039-29602-RAII

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

1.1. Product identifier

Trade name : PROMETREX 50 SC

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses : Herbicide
Uses advised against : None under normal conditions.

1.3. Details of the supplier of the safety data sheet

ADAMA Agan Ltd
P.O.B. 262
ASHDOD Israel
Email : SDS@ADAMA.COM

1.4. Emergency telephone number

: +972-8-8515211

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

Classification 67/548/EEC (DSD) - 1999/45/EC (DPD)

: N; R50-53

2.2. Label elements

Labelling 1999/45/EC (DPD)

Symbol(s)



: 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)

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

2.3. Other hazards

Other hazards : None under normal conditions.

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 ----- Aquatic Acute 1 - H400 Aquatic Chronic 4 - H413

Text of R/H-Phrases - Sec. 16

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SECTION 4. First aid measures

4.1. Description of 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.

4.2. Most important symptoms and effects, both acute and delayed

: None known.

4.3. Indication of any immediate medical attention and special treatment needed

- Note to physician** : No specific antidote known. Treat symptomatically and give supportive therapy.
- Protection of first-aiders** : Use appropriate protection (see section 8).

SECTION 5. Fire-fighting measures

5.1. Extinguishing media

- Suitable extinguishing media** : For small fire : dry chemical powder , water spray carbon dioxide
For large fire : foam , water fog , water spray.

5.2. Special hazards arising from the substance or mixture

- Hazardous decomposition products** : Sulfur oxides , nitrogen oxides (NO, NO2) , carbon oxides (CO, CO2) .

5.3. Advice for fire-fighters

- Protection against fire** : Self-contained breathing apparatus and total protection required in enclosed areas.

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- For emergency responders** : Wear suitable protective clothing, gloves and eye/face protection.

6.2. Environmental precautions

- Environmental precautions** : Do not empty into drains Do not discharge into the environment.

6.3. Methods and material for containment and cleaning up

- 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.

6.4. Reference to other sections

: None

SECTION 7. Handling and storage

7.1. Precautions for safe handling

- Handling** : Ventilation required.

7.2. Conditions for safe storage, including any incompatibilities

- Storage** : Keep in original containers. Keep away from food, drink and animal feeding stuffs. Store in dry, well-ventilated area.
- Storage - away from** : Direct sunlight .

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SECTION 7. Handling and storage (continued)

7.3. Specific end use(s)

Precautions in handling and storage : Handle in accordance with good industrial hygiene and safety procedures.

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

TLV[©] : Prometryn: 5 mg/m³
: Ventilation required.

8.2. Exposure controls

: 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.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance : Liquid
Colour : Whitish
Odour : Faint odour
Odour threshold : Not available
pH : 6-8
Melting point / Freezing point : Not applicable
Initial boiling point - boiling range : 100 (water)
Flash point : Not available
Evaporation rate : Not applicable
Flammability : Not flammable
Explosion limits (lower - upper) : Not available
Vapour pressure : Not applicable
Vapour density : Not available
Relative density : 1.07± 0.02 @ 20°C
Solubility : Miscible
Partition coefficient : n-octanol / water : 3.56 (Prometryn)
Auto-ignition temperature : Not available
Decomposition temperature : Not available
Viscosity : Not available
Explosive Properties : Not explosive
Oxidising properties : Not oxidizing

9.2. Other information

: Not available

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SECTION 10. Stability and reactivity

10.1. Reactivity

: Not available

10.2. Chemical stability

Stability : Stable under normal conditions.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

: Not known

10.5. Incompatible materials

Materials to avoid : oxidizing agents , acids , alkali .

10.6. Hazardous decomposition products

Hazardous decomposition products : Sulfur oxides , nitrogen oxides (NO, NO₂) , carbon oxides (CO, CO₂) .

SECTION 11. Toxicological information

On product

11.1. Information on toxicological effects

- Acute toxicity
 - Oral, Rat LD50 (mg/kg) : 2,812
 - Dermal, Rat LD50 [mg/kg] : > 4,000
 - Inhalation, Rat LC50 [mg/l/4h] : >3.48 Maximum concentration attainable
- Skin corrosion/irritation : Not irritant .
- Serious eye damage/irritation : Not irritant .
- Respiratory or skin sensitisation : Non sensitizer
- Germ cell mutagenicity : (Prometryn): Not mutagenic
- Carcinogenicity : (Prometryn): EPA : Group E , EU , IARC : Not classified .
- Reproductive toxicity : Not considered to be toxic for the reproductive system.
- STOT-single exposure : Not available
- STOT-repeated exposure : Not available
- Aspiration hazard : Not available
- Toxic for reproduction : Not teratogenic in animal experiments

SECTION 12. Ecological information

On product

12.1. Toxicity

Acute toxicity

- 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
- Bees LD50 [µg] : Not toxic to bees
- LD50 Birds [mg/kg] : Japanese quail >2,000

Long-term exposure

: Not available

12.2. Persistence - degradability

Persistence - degradability : (Prometryn): Soil :

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SECTION 12. Ecological information (continued)

: 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.

12.3. Bioaccumulative potential

: Not available

12.4. Mobility in soil

Mobility

: **(Prometryn): Soil :**

: Low mobility .

12.5. Results of PBT and vPvB assessment

: Not available

12.6. Other adverse effects

: None known.

SECTION 13. Disposal considerations

13.1. Waste treatment methods

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

14.1. UN number

UN N°

: 3082

Hazard Label(s)



14.2. UN proper shipping name

- Land transport - ADR/RID : UN3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Prometryn), 9, III
- Sea transport - IMO-IMDG : UN3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Prometryn), 9, III
- Air transport - ICAO/IATA : UN3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Prometryn), 9, III
- Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

14.3. Transport hazard class(es)

- Land transport - ADR/RID : 9
- Sea transport - IMO-IMDG : 9
- IMO-IMDG - class or division : 9
- Air transport - ICAO/IATA : 9

14.4. Packing group

- Land transport - ADR/RID : III
- Sea transport - IMO-IMDG : III
- IMO-IMDG - Packing group : III
- Air transport - ICAO/IATA : III

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SECTION 14. Transport information (continued)

14.5. Environmental hazards

- IMDG-Marine pollution : Marine pollutant - Polluant marin

14.6. Special precautions for user

: See transport documents.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

: Not applicable.

SECTION 15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

: Ensure all national/local regulations are observed.

15.2. Chemical Safety Assessment

: Not applicable

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.

*List of relevant H phrases (Section 3) : H400 - Very toxic to aquatic life.
H413 - May cause long lasting harmful effects to aquatic life.*

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