



SAFETY DATA SHEET

1. Identification of product and company.

Product name: ReduHeat
Usage: Shading material for horticultural greenhouses.
Manufacturer: Mardenkro B.V., Geerstraat 8, Postbus 280,
5110 AG Baarle-Nassau, Holland
tel: +31(0)13-5077069
fax: +31(0)13-5077343
E-mail: info@mardenkro.com

Telephone number in case of emergency: +31(0)13-5077069

2. Composition of and information on the ingredients.

This product is to be considered as a preparation according to EU-legislation.

Chemical description:

Information on the ingredients:

Weight percentage	CAS-number
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The preparation contains no substance with a health hazard within the meaning of the Dangerous Substance Directive of the EC.

I-number: none

Symbol: none

R-phrases: none

3. Identification of hazards.

No special hazards.

4. First Aid Measures.

Symptoms and effects: None.

First Aid Measures:

In general: Not applicable.

Inhalation: Move victim into fresh air.

Skin contact: Rinse with water.

Eye contact: Rinse with water.

Ingestion: Rinse mouth well, seek medical attention.

Advice to a physician: pH is 9.

5. Fire-fighting measures.

Suitable fire extinguishers: The product itself is not flammable. When fire in neighbourhood, all possible firefight products are permitted.
Unfitted extinguishers: None.
Exposure risk: None.
Hazardous combustion products: None.
Special protective equipment for fire fighters: None.

6. Precautions in the event of an unexpected release of the product.

Personal precautions:
For personal protection: Section 8.

Environmental precautions: Discharge waste into sewage system only after very extensive thinning.
Cleaning methods: Remove product immediately and store waste in suitable containers. Residue should be washed down with generous amounts of water.

7. Handling and storage.

Handling: Avoid contact with eyes and skin.
Storage: Store in a frost-resistance location.
Specific precautions: Not applicable.
Other information: None.

8. Precautions to control exposure/personal protection.

Exposure limits: Not determined.

Precautions to control exposure:

Personal protection:
- Hands: Not applicable.
- Eyes: Safety glasses.
- Skin and body: Protective clothing and shoes.
- Inhalation: No specific precautions are necessary.

9. Physical and chemical properties.

General information:
Odour: Characteristic.
pH: ca. 9.
Boiling-point: 100 °C.
Melting point: -4 °C.
Relative Density: 1,1 (water = 1).
Flash point: Not applicable.

Ignition temperature: Not applicable, decomposes >1000 °C.
Explosive characteristics: None.
Oxidizing characteristics: None.
Viscosity: 35 Pas 20 °C.
Vapour pressure: hPa 20 °C.
Water solubility: Miscible, but not soluble in water.
Solubility in other solvents: Insoluble.

10. Stability and reactivity.

Stability: Stable.
Conditions to avoid: Not applicable.
Substances to avoid: Acids.
Hazardous products of decomposition: Not applicable.

11. Toxicological information.

There are no data available on the preparation itself.

Specific toxicological information:

Acute toxicity: Not determined.
MAC value: Not determined.
Skin: Not toxic.
Eyes: Redness.
Inhalation: Not applicable.
Sensibility: Not determined.
Genotoxicity: Not determined.
Other toxicological information: None.

12. Ecological information.

Ecological toxicity effects: Quantitative data on the ecological toxicity effects are not available.

Further ecological information: No environmental disadvantages expected.

Biological effects: None

13. Instructions for disposal.

Product: Dispose of as chemical waste in compliance with local and regional regulations.

Packaging: Clean packaging with generous amounts of water and dispose of as waste packaging in accordance with the local Directives.

14. Transport information.

The product is not subject to identification regulations under EC Directives.

Not dangerous according to the above specifications

Not subject to transport regulations

Land transport RID/ADR

Class: --
Packaging Group: --
Number: --
Label: --
UN-Nr. : --
Transport Card: --
TREM-card-number: --
Classification code: --
Sea-transport IDMG extra information:
Marine Pollutant: --
Emergency Schedule (EMS):--
Medical First Aid Guide (MFAG): --

Air-transport ICAO/IATA extra information: Not subject to transport regulations

15. Regulatory information.

Chemical identity: ReduHeat

I-number: Not applicable.

Labelling according to EC Directives.
Symbol/Symbols: None.

Special hazards: None.
Safety recommendations: None.

16. Other information.

Legislation: This safety information sheet meets the EC directives (91/155/EG) version 2001/58/EG.

Warning: The data above have been collected from existing literature with utmost care. Mardenkro B.V. will not accept any liability for damage, whatever its nature or volume, resulting from the use of these data.

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Compiled by: Marcel Schoondergang
Mardenkro B.V., Geerstraat 8, Postbus 280,
5110 AG Baarle-Nassau, Holland
tel: +31(0)13-5077069
fax:+31(0)13-5077343
E-mail: info@mardenkro.com