

## 1. IDENTIFICATION OF THE SUBSTANCE/MITURE AND OF THE COMPANY

- 1.1 Product name : Q-Heat.
- 1.2 Relevant use : Shading agent (sun shading coating) for application on greenhouses  
Discouraged use : Use by consumers
- 1.3 Name and address of manufacturer : Hermadix Agro BV, P.O. Box 5, NL- 1430 AA Aalsmeer, The Netherlands
- 1.4 Emergency phone number : Hermadix Agro BV, phone: +31 (0)20-6534125  
(only during office hours)  
Dutch National Poisoning Information Centre, Phone.: +31 (0)30-2748888  
(Only for professional first-aid personnel in case of acute poisoning)

## 2. HAZARDS IDENTIFICATION

- 2.1 According to EG regulations, this product has to be considered as a mixture.  
Classification according to EG-Regulation 272/2008 CLP/GHS

The product is classified as not dangerous according to EG-Regulation 1272/2008.

- 2.2 Labelling
- |                 |                |
|-----------------|----------------|
| Danger symbol:  | Not applicable |
| Signal word:    | Not applicable |
| Danger phrases: | Not applicable |
| Prevention:     | Not applicable |
| Reaction:       | Not applicable |

Storage

- P233 – Keep container tightly closed.  
P234 – Keep only in original container.

- 2.3 Other dangers  
Not applicable

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1 Not applicable

- 3.2 The product is a mixture. Not dangerous ingredients according to EG 1907/2006.

## 4. FIRST AID MEASURES

- 4.1 General : Seek medical attention if feeling unwell.
- |              |   |
|--------------|---|
| Inhalation   | : Remove victim to fresh air.   |
| Skin contact | : Remove contaminated clothing. Wash skin with plenty of water and soap. Launder clothing before re-use. If skin irritation persists: seek medical attention. |
| Eye contact  | : Rinse carefully with water during several minutes. Remove contact lenses, if possible. Keep rinsing. Of eye irritation persists: seek medical attention.    |
| Ingestion    | : Rinse mouth. Seek medical attention when feeling unwell.  |

- 4.2 Not applicable..

- 4.3 If irritation of eyes or skin persist, seek medical attention and show product label or this material safety data sheet.

## 5. FIREFIGHTING MEASURES

- 5.1 Suitable extinguishing media : Water spray, carbon dioxide, foam and dry extinguishing media.  
Unsuitable extinguishing media : Not applicable.
- 5.2 Recommendations : Suitable respiratory protection may be necessary. Cool containers which have been exposed to the fire down with water. Don't let extinguishing media enter the drain or surface water. For personal protection: see paragraph 8 of this document.
- 5.3 Protective equipment : In case of insufficient ventilation, wear suitable respiratory equipment.

## 6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions : For personal precautions see paragraph 8
- 6.2 Environmental precautions : As far as known, the product does not contain substances in concentrations which are a threat to aquatic life. However, avoid to bring large amounts of the pure product in the drain or surface water, to prevent optical pollution.
- 6.3 Methods for containment and cleaning : Take up spillage with inflammable, absorbent material. Dispose as dangerous waste if product is not suitable for use.

## 7. HANDLING AND STORAGE

- 7.1 Handling : Avoid skin contact and contact with the eyes. Follow the appropriate safety and health regulations during work.
- 7.2 Storage : Keep container tightly closed. Keep only in original container.
- 7.3 Specific end-use : The mixture is a coating for glass and plastic surfaces by professional end-users.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.2 Exposure limits : Not applicable.
- 8.2 Measures to avoid exposure
- Inhalation : No specific precautionary measures necessary.
  - Hands : No specific precautionary measures necessary.
  - Eyes : Use safety goggles to protect against splashes.
  - Skin : No specific precautionary measures necessary.
  - General : This product is not dangerous according to EG regulation 1272/2008. However, end users are recommended to minimize skin contact by wearing appropriate clothing and minimizing inhalation of product spray.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 Appearance : White fluid
- Odour : Characteristic
- Density : 1,09 g/cm<sup>3</sup>
- Flash point : Not applicable.
- pH : approx.8,4

## 10. STABILITY AND REACTIVITY

- 10.1 Reactivity : The product may react with strong acids.
- 10.2 Stability : The product is stable when stored according to paragraph 7
- 10.3 Reactions : Exposition to acids may cause a reaction.
- 10.4 Situations to avoid : Prevent exposition of the product to high temperatures.
- 10.5 Chemically interacting materials : Not applicable.
- 10.6 Dangerous decomposition products : Not applicable.

## 11. TOXICOLOGICAL INFORMATION

There are no known toxicological data on this preparation and its compounds.

### 11.1. Information on toxicological effects.

- Acute toxicity : Not applicable.
- Inhalation : Not applicable.
- Skin contact : Prolonged skin contact may cause an allergic reaction.
- Carcinogenic effects : Not classified as carcinogenic.
- Mutagenic effects : Not classified as mutagenic.
- Toxic effects on reproduction : Not classified as reprotoxic.
- Specific target organ toxicity (non-recurring exposure) : Human : Not classified for organ toxicity
- Specific target organ toxicity (repeated exposure) : Human : Not classified for organ toxicity

## 12. ECOLOGICAL INFORMATION

There are no known ecological data on this preparation and its compounds.

12.1. Ecotoxicity	:	Not applicable
12.2. Persistence and biodegradability	:	Not applicable
12.3. Bioaccumulation	:	Not applicable
12.4. Mobility in the soil	:	Not applicable
12.5. PBT- en zPzB-evaluation	:	Not applicable
12.6. Other harmful effects	:	Not known

## 13. DISPOSAL CONSIDERATIONS

Dispose the product rests and not empty containers as dangerous waste. When in doubt, follow the local regulations.

## 14. TRANSPORT INFORMATION

14.1 UN-number	:	not applicable
14.2 Proper shipping name	:	not applicable
14.3 Transport danger class	:	ADR: not applicable
14.4 Packing group	:	not applicable
14.5 Environmental hazards	:	not applicable
14.6 Special precautions	:	see paragraph 8 for personal protection

## 15. REGULATORY INFORMATION

This product is classified according to EG 1272/2008 (CLP).  
No chemical safety assessment has been carried out.

Date of last revision	:	1st of June 2015	Version GHS 1.0
Replaces version of	:	1st of January 2012	Version DPD 1.0

Dangerous ingredients (for concentrations see paragraph 3)  
Not applicable.

At the moment of creation of this material safety data sheet there are no additional ingredients in the applicable concentration that, to the current knowledge of the manufacturer, are classified according EG 1272/2008.

## 16. OTHER INFORMATION

The information on this material safety data sheet is based on our knowledge at the moment of publication. The information is to be used as an aid to determine and manage the risks in an appropriate way while using the product. This information is not meant as a guarantee or quality specification. In case of using the product in combination with other substances or in an inappropriate way, the information in this material safety data sheet may not be fully applicable. The user is responsible to take precautionary measures for use and should be convinced that this information is appropriate and sufficient for the foreseen use of the product. In case of doubt, consult the manufacturer or a specialist.