

## Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 08.05.2017

Version number 2

Revision: 08.05.2017

### SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

#### 1.1 Product Identifier:

**Trade name:** CARISMA MDP**Synonyms:** Polyethylene, Polyethylene wax**Chemical name:** Ethene, homopolymer**CAS Number:**

9002-88-4

**EINECS Number:**

Polymer

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

**Product category:** General use of Polyethylene Wax.**Application of the substance / the mixture:** Professional use only

#### 1.3 Details of the supplier of the safety data sheet:

**Manufacturer / Importer / Supplier:**

Alpha Wax BV

Raoul Wallenbergplein 35

2404 ND Alphen aan den Rijn

Tel.: +31 (0)172 242628

Fax: +31 (0)172 241439

email: info@alphawax.com

www.alphawax.com

**Further information obtainable from:** Product safety department.

#### 1.4 Emergency telephone number:

UK - Toxbase (for health professionals only) +44 844 8920111

For members of the public +44 845 4647

Tel.: +31 (0)172 242628

This telephone number can be reached during office hours.

### SECTION 2: Hazards Identification

#### 2.1 Classification of the substance or mixture:

**Classification according to Regulation (EC) No 1272/2008:** The substance is not classified according to the CLP regulation.

#### 2.2 Label elements:

**Labelling according to Regulation (EC) No 1272/2008:** Void**Hazard pictograms:** Void**Signal word:** Void**Hazard statements:** Void

#### 2.3 Other hazards:

**Results of PBT and vPvB assessment:****PBT:** Not applicable.**vPvB:** Not applicable.

### SECTION 3: Composition/Information on Ingredients

#### 3.1 Chemical characterization: Substances:

**CAS No. Description:**

9002-88-4 Ethene, homopolymer

**Identification number(s)****EC number:** Polymer

### SECTION 4: First Aid Measures

#### 4.1 Description of first aid measures:

**General information:**

Persons, providing assistance, should avoid exposure and danger for themselves or others.

Keep warm, position comfortably and cover well.

Never give anything by mouth to an unconscious person.

No special measures required.

Take affected persons out of danger area and lay down.

**After inhalation:** Supply fresh air; consult doctor in case of complaints.

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**After skin contact:**

After contact with the molten product, cool rapidly with cold water.

Do not pull solidified product off the skin.

Seek immediate medical advice.

**After eye contact:**

If possible, remove contact lenses.

Rinse opened eye for several minutes (at least 15 minutes) under running water. If symptoms persist, consult a doctor.

**After ingestion:**

Do not induce vomiting.

Rinse mouth and drink 2 glasses of water.

**4.2 Most important symptoms and effects, both acute and delayed:** No further relevant information available.

**4.3 Indication of any immediate medical attention and special treatment needed:**

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

### SECTION 5: Firefighting Measures

**5.1 Extinguishing media:**

**Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.

**5.2 Special hazards arising from the substance or mixture:**

In case of fire, the following can be released:

Carbon monoxide (CO)

Carbon dioxide (CO<sub>2</sub>)

**5.3 Advice for firefighters:****Protective equipment:**

Wear fully protective suit.

Wear self-contained respiratory protective device.

**Additional information:** Cool endangered tanks with water spray.

### SECTION 6: Accidental Release Measures

**6.1 Personal precautions, protective equipment and emergency procedures:** Not required.

**6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

**6.3 Methods and material for containment and cleaning up:** Allow to solidify. Pick up mechanically.

**6.4 Reference to other sections:**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

### SECTION 7: Handling and Storage

**7.1 Precautions for safe handling:**

Avoid inhalation of vapors and contact with eyes, skin and clothing.

No special measures required.

**Information about fire and explosion protection:** No special measures required.

**7.2 Conditions for safe storage, including any incompatibilities:** Storage must comply with the local regulations.

**Storage:**

**Requirements to be met by storerooms and tanks:** Only use tanks which are specially equipped for this product.

**Information about storage in one common storage facility:** Store away from oxidising agents.

**Further information about storage conditions:** Store between 0 °C and 40 °C in a dry, well ventilated place.

**7.3 Specific end use(s):** No further relevant information available.

### SECTION 8: Exposure Controls/Personal Protection

**Additional information about design of technical facilities:** No further data; see section 7.

**8.1 Control parameters:**

**Ingredients with limit values that require monitoring at the workplace:** Not required.

**Additional information:** The lists valid during the making were used as basis.

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### 8.2 Exposure controls

#### Personal protective equipment:

**General protective and hygienic measures:** The usual precautionary measures are to be adhered to when handling chemicals.

**Respiratory protection:** Not necessary if room is well-ventilated.

#### Protection of hands:

Heat resistant gloves

Use protective gloves to DIN EN374-3

Only use chemical-protective gloves with CE-labelling of category III.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

#### Material of gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

**Penetration time of glove material:** Not applicable.

**Eye protection:** Use safety glasses that meets the requirements of EN 166; latest versions.

#### Body protection:

Use protective suit.

Protective work clothing

**Limitation and supervision of exposure into the environment:** Prevent spills from reaching surface waters or soil.

## SECTION 9: Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties:

#### General Information:

##### Appearance:

**Form:** Solid (at 20 °C)

**Colour:** White

**Odour:** Wax like [Slight]

**Odour threshold:** Not determined.

**pH-value:** Not applicable.

#### Change in condition

**Melting point/freezing point:** >64 °C

**Initial boiling point and boiling range:** Undetermined.

**Flash point:** >149 °C (CC - Pensky-Martens)

**Flammability (solid, gas):** Product is not flammable.

**Ignition temperature:** Not determined

**Decomposition temperature:** Not determined.

**Explosive properties:** Product does not present an explosion hazard.

#### Explosion limits:

**Lower:** Not determined.

**Upper:** Not determined.

**Vapour pressure:** Not applicable.

**Density at 20 °C:** 0.94 g/cm<sup>3</sup>

**Relative density:** Not determined.

**Vapour density:** Not applicable.

**Evaporation rate:** Not applicable.

#### Solubility in / Miscibility with:

**Water:** Insoluble.

**Partition coefficient: n-octanol/water:** Not determined.

#### Viscosity:

**Dynamic at 149 °C:** >15 mPas

**Kinematic:** Not applicable.

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**Solvent content:****Oxidizing properties:**

Not determined  
Does not contain oxidizing properties.

**9.2 Other information:**

No further relevant information available.

### SECTION 10: Stability and Reactivity

**10.1 Reactivity:**

Stable under recommended conditions.

Reacts violently with oxidizing agents, strong acids and strong bases.

**10.2 Chemical stability:****Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.**10.3 Possibility of hazardous reactions:** No dangerous reactions known.**10.4 Conditions to avoid:** No further relevant information available.**10.5 Incompatible materials:** No further relevant information available.**10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### SECTION 11: Toxicological Information

**11.1 Information on toxicological effects:****Acute toxicity:** Based on available data, the classification criteria are not met.**Primary irritant effect:****Skin corrosion/irritation:** No data available.**Serious eye damage/irritation:** No data available.**Inhalation:** No data available.**Respiratory or skin sensitization:** Based on available data, the classification criteria are not met.**CMR effects (carcinogenic, mutagenic and reprotoxic):****Germ cell mutagenicity:** Based on available data, the classification criteria are not met.**Carcinogenicity:** Based on available data, the classification criteria are not met.**Reprotoxicity:** Based on available data, the classification criteria are not met.**STOT-single exposure:** Based on available data, the classification criteria are not met.**STOT-repeated exposure:** Based on available data, the classification criteria are not met.**Aspiration hazard:** Based on available data, the classification criteria are not met.

### SECTION 12: Ecological Information

**12.1 Toxicity:**

The product components are not classified as dangerous for the environment or the quantities are not relevant. Larger or frequent spills can be dangerous or harmful to the environment.

**Aquatic toxicity:** No further relevant information available.**12.2 Persistence and degradability:** No further relevant information available.**12.3 Bioaccumulative potential:** No further relevant information available.**12.4 Mobility in soil:** No further relevant information available.**Additional ecological information:****General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

**12.5 Results of PBT and vPvB assessment:****PBT:** Not applicable.**vPvB:** Not applicable.**12.6 Other adverse effects:** No further relevant information available.

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### SECTION 13: Disposal Considerations

#### 13.1 Waste treatment methods:

##### Recommendation:

Observe the locally applicable regulations.

After prior treatment product has to be disposed of in an incinerator for hazardous waste adhering to the regulations pertaining to the disposal of particularly hazardous waste.

Smaller quantities can be disposed of with household waste.

**European waste catalogue:** 13 08 99 Oil waste (not otherwise specified)

##### Contaminated packaging:

**Recommendation:** Disposal must be made according to official regulations.

### SECTION 14: Transport Information

<b>14.1 UN-Number:</b> ADR/RID/ADN, IMDG, IATA	Void
<b>14.2 UN proper shipping name:</b> ADR/RID/ADN, IMDG, IATA	Void
<b>14.3 Transport hazard class(es):</b> ADR/RID/ADN, IMDG, IATA Class:	Void
<b>14.4 Packing group:</b> ADR/RID/ADN, IMDG, IATA	Void
<b>14.5 Environmental hazards:</b>	Not applicable.
<b>14.6 Special precautions for user:</b>	Not applicable.
<b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:</b>	Not applicable.
<b>UN "Model Regulation":</b>	Void

### SECTION 15: Regulatory Information

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

##### Directive 2012/18/EU:

**Named dangerous substances - ANNEX I:** Substance is not listed.

**National regulations:** Not applicable

**Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### \* SECTION 16: Other Information

**Training hints:** Take care of good information, instruction and training for users.

#### Abbreviations and acronyms:

ADN: Accord Européen relatif au Transport International des Marchandises Dangereuses par voie de Navigation Intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (Division of the American Chemical Society)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

EC50: Effective Concentration, 50 percent

IOELVS: Indicative Occupational Exposure Limit Values

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mPa.s: milliPascal per second

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**References:**

This information is based on the current available data (suppliers of raw materials, chemistry maps, Annex VI)

See also the internet site: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

**Revisions were made in sections marked with \*.**

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