

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 28.03.2014

Revision: 27.03.2014

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

Product identifier**Trade name:** HydroWax 345**Relevant identified uses of the substance or mixture and uses advised against**

No further relevant information available.

Application of the substance / the preparation

Dispersion

Additive

Hydrophobing agent/ water repellent

Details of the supplier of the safety data sheet**Manufacturer/Supplier:**

Keramikos

Oudeweg 153

2031 CC Haarlem

Further information obtainable from: Product safety department, [e-mail: info@keramikos.nl](mailto:info@keramikos.nl)**Emergency telephone number:** 023 – 542 44 16

2 Hazards identification

Classification of the substance or mixture**Classification according to Regulation (EC) No 1272/2008**

Skin Sens. 1 H317 May cause an allergic skin reaction.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC

Xi; Sensitising

R43: May cause sensitisation by skin contact.

Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

Label elements**Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

Hazard pictograms

GHS07

Signal word Warning**Hazard-determining components of labelling:**

mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2-isothiazol-3-one [EC no. 220-239-6] (3:1) mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1)

Hazard statements

H317 May cause an allergic skin reaction.

Precautionary statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P363 Wash contaminated clothing before reuse.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Results of PBT and vPvB assessment PBT: Not applicable.

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 28.03.2014

Revision: 27.03.2014

Trade name: **HydroWax 345**

(Contd. of page 1)

vPvB: Not applicable.

3 Composition/information on ingredients

Chemical characterization: Substances

CAS No. Description

Dispersion of paraffin in water

Chemical characterization: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:

55965-84-9 mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2Hisothiazol-3one [EC no. 220-239-6] (3:1) mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1) 0.005%
 T R23/24/25; C R34; Xi R43; N R50/53
 Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331; Skin Corr. 1B, H314;
 Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1, H317

Additional information: For the wording of the listed risk phrases refer to section 16.

4 First aid measures

Description of first aid measures

General information: Immediately remove any clothing soiled by the product.

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

After skin contact:

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing:

Do not induce vomiting.

Rinse out mouth and then drink plenty of water.

Information for doctor:

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

Indication of any immediate medical attention and special treatment needed No further relevant information available.

5 Firefighting measures

Extinguishing media

Suitable extinguishing agents:

Water haze

Water spray

Foam

Fire-extinguishing powder

Carbon dioxide

Sand

For safety reasons unsuitable extinguishing agents: Water with full jet

Special hazards arising from the substance or mixture No further relevant information available.

Advice for firefighters

Protective equipment: No special measures required.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures Not required.

Environmental precautions:

Dilute with plenty of water.

Do not allow to penetrate the ground/soil.

Do not allow to enter sewers/ surface or ground water.

(Contd. on page 3)
GB

(Contd. of page 2)

Methods and material for containment and cleaning up:

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 28.03.2014

Revision: 27.03.2014

Trade name: HydroWax 345

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Reference to other sections No dangerous substances are released.

7 Handling and storage

Handling:**Precautions for safe handling**

Prevent formation of aerosols.

Ensure good ventilation/exhaustion at the workplace.

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

Conditions for safe storage, including any incompatibilities**Storage:**

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility:

Store away from oxidizing agents.

Store away from foodstuffs.

Further information about storage conditions:

Protect from frost.

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

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

8 Exposure controls/personal protection

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

Control parameters**Ingredients with limit values that require monitoring at the workplace:****8002-74-2 Paraffin waxes and hydrocarbon waxes (10-25%)**

WEL Short-term value: 6 mg/m³

Long-term value: 2 mg/m³

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

Exposure controls**Personal protective equipment:****General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device. **Protection of hands:** Protective gloves

Material of gloves Nitrile**Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Safety glasses

9 Physical and chemical properties

Information on basic physical and chemical properties**General Information Appearance:**

| | |
|----------------|---------|
| Form: | Fluid |
| Colour: | Whitish |
| Odour: | Mild |

(Contd. on page 4)
GB

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 28.03.2014

Revision: 27.03.2014

Trade name: **HydroWax 345**

(Contd. of page 3)

| | |
|---|---|
| Odour threshold: | Not determined. |
| pH-value: | Not determined. |
| Change in condition | |
| Melting point/Melting range: | 0-4 °C |
| Boiling point/Boiling range: | > 100 °C |
| Flash point: | Not applicable. |
| Flammability (solid, gaseous): | Not applicable. |
| Ignition temperature: | |
| Decomposition temperature: | Not determined. |
| Self-igniting: | Product is not self-igniting. |
| Danger of explosion: | Product does not present an explosion hazard. |
| Explosion limits: | |
| Lower: | Not determined. |
| Upper: | Not determined. |
| Vapour pressure at 20 °C: | 23 hPa |
| Density: | Not determined. |
| Relative density | Not determined. |
| Vapour density | Not determined. |
| Evaporation rate | Not determined. |
| Solubility in / Miscibility with | |
| water: | Emulsifiable. |
| Partition coefficient (n-octanol/water): | >3,5 |
| Viscosity: | |
| Dynamic: 0-600 mPa s (Brookfield) | Kinematic: Not determined. |
| Other information | No further relevant information available. |

10 Stability and reactivity

Reactivity

Chemical stability

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

Possibility of hazardous reactions No dangerous reactions known.

Conditions to avoid No further relevant information available.

Incompatible materials: No further relevant information available.

Hazardous decomposition products: No dangerous decomposition products known.

11 Toxicological information

Information on toxicological effects

Acute toxicity:

Primary irritant effect:

on the skin: no data available

on the eye: no data available

Sensitization: Sensitization possible through skin contact.

12 Ecological information

Toxicity

Aquatic toxicity: No further relevant information available.

Persistence and degradability No further relevant information available.

(Contd. on page 5)
GB

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 28.03.2014

Revision: 27.03.2014

Trade name: **HydroWax 345**(Contd. of page 4) **Behaviour in environmental systems:****Bioaccumulative potential** No further relevant information available.**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.

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

13 Disposal considerations

Waste treatment methods

Recommendation Smaller quantities can be disposed of with household waste. **European waste catalogue**

12 01 12* spent waxes and fats 12

03 02* steam degreasing wastes

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

14 Transport information

UN-Number

ADR, ADN, IMDG, IATA Void

UN proper shipping name

ADR, ADN, IMDG, IATA Void

Transport hazard class(es)

ADR, ADN, IMDG, IATA Class Void

Class**Packing group**

ADR, IMDG, IATA Void

Environmental hazards:**Marine pollutant:** No**Special precautions for user** Not applicable.**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.**Transport/Additional information:**

Not dangerous according to the above specifications.

UN "Model Regulation":

-

15 Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture**Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

Hazard pictograms

GHS07

Signal word Warning(Contd. on page 6)
GB

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 28.03.2014

Revision: 27.03.2014

Trade name: HydroWax 345

(Contd. of page 5)

Hazard-determining components of labelling:

mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2Hisothiazol-3-one [EC no. 220-239-6] (3:1) mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC no. 220239-6] (3:1)

Hazard statements

H317 May cause an allergic skin reaction.

Precautionary statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P363 Wash contaminated clothing before reuse.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

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

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. **Relevant phrases** H301 Toxic if swallowed.

H311 Toxic in contact with skin.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H331 Toxic if inhaled.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.

R34 Causes burns.

R43 May cause sensitisation by skin contact.

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

Department issuing MSDS: Product safety department, Milton Bridge Ceramic Colours Ltd.

GB