

**Safety Data Sheet**  
according to 1907/2006/EC, Article 31

Printing date 07.12.2007

Revision: 07.12.2007

**1 Identification of the substance/preparation and of the company/undertaking**

- **Product details**
- **Trade name:** *Hyla carpet cleaner*
- **Application of the substance / the preparation**  
*Cleanser for water vacuum cleaner*
- **Manufacturer/Supplier:**  
*ORKA d.o.o.*  
*Dvořakova 5*  
*1000 Ljubljana, Slovenia*  
*Telephone: +386 (0)1 6200 500*  
*Telefax: +386 (0)1 6200 501*
- **Information in case of emergency:**  
*Telephone: +386 (0)1 6200 500*  
*Call personal or duty doctor , call 112.*

**2 Hazards identification**

- **Hazard description:** *Not applicable.*
- **Information concerning particular hazards for human and environment:**  
*R 10 Flammable.*
- **Classification system:**  
*The classification is according to the latest editions of the EU-lists, and extended by company and literature data.*

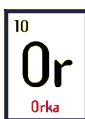
**3 Composition/information on ingredients**

- **Chemical characterization**
- **Description:** *Mixture of surfactants, water, solvents and additions.*
- **Dangerous components:**

<i>68002-97-1</i>	<i>Alcohols C14-15, ethoxylated</i>	<i>2.5-10%</i>
	<i>Xi,N; R41-50</i>	
	<i>EINECS:Polymer</i>	
<i>25155-30-0</i>	<i>Sodium dodecylbenzenesulphonate</i>	<i>2.5-10%</i>
	<i>Xi; R38-41</i>	
	<i>EINECS:246-680-4</i>	
<i>64-17-5</i>	<i>Ethanol</i>	<i>2.5-10%</i>
	<i>F; R11</i>	
	<i>EINECS:200-578-6</i>	
<i>9010-01-1</i>	<i>Propharase</i>	<i>≤ 2.5%</i>
	<i>Xn, Xi; R36/38-42</i>	
	<i>EINECS:232-752-2</i>	
<i>9000-90-2</i>	<i>Alpha-amylase</i>	<i>≤ 2.5%</i>
	<i>Xn, R42</i>	
	<i>EINECS:232-565-6</i>	
<i>9001-62-1</i>	<i>Lipase</i>	<i>≤ 2.5%</i>
	<i>Xn, R42</i>	
	<i>EINECS:232-619-9</i>	
- **Additional information:**  
*For the wording of the listed risk phrases refer to section 15 and 16.*

**4 First-aid measures**

- **After skin contact:** *Generally the product does not irritate the skin.*  
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- **After eye contact:**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

## 5 Fire-fighting measures

- **Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.  
Use fire extinguishing methods suitable to surrounding conditions.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Protective equipment:** No special measures required.

## 6 Accidental release measures

- **Person-related safety precautions:**  
Wear protective equipment. Keep unprotected persons away.  
Particular danger of slipping on leaked/spilled product.
- **Measures for environmental protection:**  
Prevent seepage into sewage system, workpits and cellars.
- **Measures for cleaning/collecting:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose of the material collected according to regulations.

## 7 Handling and storage

- **Handling:**
- **Information for safe handling:** No special measures required.
- **Information about fire - and explosion protection:**  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.
- **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.
- **Further information about storage conditions:**  
Keep receptacle tightly sealed.
- **Maximum storage temperature:** 30°C
- **Minimum storage temperature:** 5°C

## 8 Exposure controls/personal protection

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

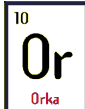
- **Ingredients with limit values that require monitoring at the workplace:**

<b>64-17-5 ethanol</b>
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WEL	Long-term value: 1920 mg/m <sup>3</sup> , 1000 ppm
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- **Additional information:**  
The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
The usual precautionary measures are to be adhered to when handling chemicals.

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- **Respiratory protection:** Not required.
- **Protection of hands:** Not required.
- **Material of gloves /**
- **Penetration time of glove material /**
- **Eye protection:** Goggles recommended during refilling

## 9 Physical and chemical properties

### - General Information

<b>Form:</b>	Fluid
<b>Colour:</b>	Green-blue transparent
<b>Odour:</b>	Characteristic

### - Change in condition

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	~ 85°C

- **Flash point:** ~ 50°C

- **Self-igniting:** Product is not selfigniting.

- **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

- **Density at 20°C:** ~ 1.03 g/cm<sup>3</sup>

- **Solubility in / Miscibility with water:** Soluble.

- **pH-value (10 g/l) at 20°C:** ~ 9.4

## 10 Stability and reactivity

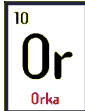
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous decomposition products:** Carbon monoxide and carbon dioxide

## 11 Toxicological information

- **Acute toxicity:**
- **LD/LC50 values relevant for classification:**  
LD50 (rat, oral) > 2000mg/kg
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**  
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

GB

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### 12 Ecological information

**- General notes:**

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

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

### 13 Disposal considerations

**- Product:** Disposal must be made according to official regulations.

**- Uncleaned packaging:**

Remove uncleaned packing according to official regulations.

### 14 Transport information

**- Transport/Additional information:** Not a transport hazardous substance

### 15 Regulatory information

**- Labelling according to EU guidelines:**

The product has been classified and marked in accordance with EU Directives.

**- Risk phrases:**

10 Flammable.

**- Safety phrases:**

2 Keep out of the reach of children.

7/9 Keep container tightly closed and in a well-ventilated place.

16 Keep away from sources of ignition - No smoking.

46 If swallowed, seek medical advice immediately and show this container or label.

### 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.