

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 hard floor 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:** Surface active agent
- **Dangerous components:**

68002-97-1	Alcohols C14-15, ethoxylated	2,5-10%
	Xi,N; R41-50	
	EINECS: Polymer	
67-63-0	isopropyl alcohol	2,5-10%
	Xi,F; R11-36-67	
	EINECS: 200-661-7	
- **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.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
Rinse mouth with water. Do not induce vomiting. In symptoms persist, consult a doctor.

5 Fire-fighting measures

- **Suitable extinguishing agents:**
CO₂, 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
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- **Protective equipment:**
Do not inhale explosion gases or combustion gases.

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:**
Do not allow to enter sewers/ surface or ground water.
- **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:** 10°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:**

67-63-0 propan-2-ol

WEL	Short-term value: 1250 mg/m ³ , 500 ppm Long-term value: 999 mg/m ³ , 400 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.
- **Respiratory protection:** Not required.
- **Protection of hands:** Not required.
- **Material of gloves /**
- **Penetration time of glove material /**
- **Eye protection:** Goggles recommended during refilling

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9 Physical and chemical properties- **General Information**

Form:	Fluid
Colour:	According to product specification
Odour:	Characteristic

- **Change in condition**

Melting point/Melting range:	~ -5°C (T 004)
Boiling point/Boiling range:	~ 85°C (V 001)

- **Flash point:** ~ 46°C (PMCC)- **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:** ~ 1.02 g/cm³ (G 001)- **Solubility in / Miscibility with water:** Fully miscible.- **pH-value (10 g/l) at 20°C:** ~ 10 (P 001/a)- **Viscosity:**
Dynamic at 20°C: < 100 mPas (V 007/a)**10 Stability and reactivity**

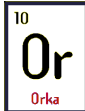
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous decomposition products:**
No dangerous decomposition products known.

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:

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 product to reach ground water, water course or sewage system.



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13 Disposal considerations

- **Product:** Disposal must be made in accordance to official regulations.
- **Recommendation**
Smaller quantities can be disposed of with household waste.
- **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.
- **National regulations:**
- **Technical instructions (air):**

Class	Share in %
NK	6.4

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.