

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

Printing date 08.01.2009

Revision: 08.01.2009

1 Identification of substance

- **Product details**
- **Trade name** *Joola Turbo Cleaner VP 2911 (liquid)*
- **Application of the substance / the preparation** *All-purpose cleaner*

2 Hazards identification

- **Hazard designation:** *void*
- **Information pertaining to particular dangers for man and environment**
The product does not have 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 in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** *Cleansing agent*
- **Dangerous components:** *Void*
- **Additional information** *For the wording of the listed risk phrases refer to section 16.*

4 First aid measures

- **General information** *No special measures required.*
- **After inhalation** *not applicable*
- **After skin contact** *rinse with water*
- **After eye contact** *Rinse opened eye for several minutes under running water.*
- **After swallowing** *Rinse out mouth and then drink plenty of water.*

5 Fire fighting measures

- **Suitable extinguishing agents** *Select the extinguishing agent in relation to flammable material.*
- **Protective equipment:** *No special measures required.*

6 Accidental release measures

- **Person-related safety precautions:** *Avoid contact with eyes.*
- **Measures for environmental protection:** *Dilute with much water.*
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

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· **Additional information:** No dangerous materials are released.

7 Handling and storage

- **Handling**
- **Information for safe handling:**
Avoid contact with eyes
No special precautions necessary if used correctly.
- **Information about protection against explosions and fires:** No special measures required.
- **Storage**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Protect from frost.

8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with critical values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during the compilation were used as basis.
- **Personal protective equipment**
- **General protective and hygienic measures**
The usual precautionary measures should be adhered to in handling the chemicals.
- **Breathing equipment:** Not required.
- **Protection of hands:**
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **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:** Wear protective goggles in case of danger of splashes

9 Physical and chemical properties:

· General Information

Form:	Fluid
Colour:	Colourless
Smell:	scent citrus fruit

· Change in condition

Melting point/Melting range: 0°C
Boiling point/Boiling range: 100°C

· **Flash point:** Not applicable

· **Self-inflammability:** Product is not selfigniting.

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· Danger of explosion:	Product is not explosive.
· Density at 20°C	1 g/cm ³
· Solubility in / Miscibility with Water:	Fully miscible
· pH-value at 20°C:	6.8
· Viscosity:	
dynamic:	adj thin
Organic solvents:	0.0 %

10 Stability and reactivity

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

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** irritating effect possible
- **Sensitization:** No sensitizing effect known.
- **Additional toxicological information:**
The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12 Ecological information:

- **Information about elimination (persistence and degradability):**
The surfactants are at over 90 % biological decomposable (OECD-Test)
- **Other information:**
Complies with the German Wash and Clening Agents Legislation (WRMG) and is biologically degradable.
- **Ecotoxicological effects:**
- **Behaviour in sewage processing plants:**
No disturbances in purification of sewage disposal may be expected when applied correctly.
Do not allow product to reach sewage system in larger amounts.
- **Additional ecological information:** The product contains no organic bounded halogenous compounds.
- **According to recipe contains the following heavy metals and compounds according to EC guideline NO. 76/464 EC:**
Does not contain any.
- **General notes:** Generally not hazardous for water.

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13 Disposal considerations

- **Product:**
- **Recommendation**
Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.
Smaller quantities can be disposed with household garbage.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleaning agent:**
Water
Water, if necessary with cleaning agent.

14 Transport information

- **Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)**
- **ADR/RID-GGVS/E Class:** -

- **Maritime transport IMDG/GGVSea:**
- **IMDG/GGVSea Class:** -
- **Marine pollutant:** No

- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

- **Transport/Additional information:** Not dangerous according to the above specifications.

15 Regulatory information

- **Designation according to EC guidelines:**
Observe the normal safety regulations when handling chemicals
The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV).
- **National regulations**
- **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

16 Other information:

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing data specification sheet:** Environment protection department.
- **Contact:** -