

Material Safety Data Sheet account to 91/155/EEC

Date printed: 25.05.04

VIGON SC 200

Date revised 25.05.04

ZESTRON
... ein Unternehmensbereich der Dr. O.K. Wack Chemie GmbH

Bunsenstrasse 6 : D- 85053 Ingolstadt, Germany
Telefon: +49 841 635-0; Fax: +49 841 635-40

1. Chemical product and company identification

- **Product information :** Cleaning agent for High-Tech-Cleaning applications
- **Tradename :** **VIGON SC 200**
- **Manufacturer/Supplier :** Dr. O. K. Wack Chemie GmbH
Bunsenstr. 6, 85053 Ingolstadt, **Tel.:** 0049/841/635 0
- **Customer information :** R&D Dept. / Safety department
- **Emergency information :** During business hours: + + 49-841-635-23

2. Composition/Information on ingredients

Chemical characterisation : Special blend of Alkoxypropanols, dissolved in water.

-Hazardous ingredients :

EU – No.	CAS-No.	Name	% Weight	Symbol	R-Phrases
			none		

3. Hazards identification

- Indications of danger (symbols) :** none
Risk phrases : none
System of classification : The classification is in accordance with the actual EEC - Regulations.

4. First aid

- **General remarks :** Remove person from exposure. Remove contaminated clothing.
- **Inhalation :** Immediately remove to fresh air. If effects occur consult a physician.
- **Skin contact :** Immediately remove contaminated clothing. Wash contaminated areas with mild soap and water.
- **Eye contact :** Flush with excess amount of water for 15 min in the open eye lid. Use flowing water or shower.
Consult a physician.
- **Ingestion :** Do not induce vomiting. Consult a physician.

5. Fire fighting measures

- Product is not flammable**
Extinguishing media : Not applicable
Non suitable media : Not applicable
Special protective equipment : none

6. Accidental release measures

- **Personal precautions :** No special precautions necessary
- **Environmental protection measures:** Keep material out of sewers, storm drains, surface waters and soil.
- **Action to take for spills /leaks :** Soak up with liquid binding material (sand, kieselguhr). For disposal see No. 13.
In closed rooms supply a good ventilation. Use suitable disposal containers.

7. Handling and storage

- **Handling :**
- **Special precautions to be taken in handling :** Supply a sufficient ventilation or local exhaust system.
Wear protective clothing
- **Special precautions to be taken for fire- and explosion protection :** Not applicable
- **Storage :** Store in frost-free place, avoid freezing of the container. Keep container tightly closed.

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8. Exposure controls / Personal protection

- Components with applicable exposure limits :

<u>EU – No.</u>	<u>CAS-No.</u>	<u>Name of the component</u>	<u>%</u>	<u>Kind</u>	<u>Value</u>	<u>Dimens.</u>
For all components are no values established						

- Additional information :

These data are based on actual listings.

- Personal protective measures :

- General applicable protective measures :

Supply a sufficient ventilation. Remove soiled clothing and wash it before reuse. Before breaks and after work wash the hands. Keep away from food, drinks and feeding stuff.

- Respiratory protection : Good general ventilation or local exhaust ventilation should be sufficient.

- Hand protection : Chloroprene- or Nitrile-gloves

- Eye protection : Chemical splash goggles

9. Physical and chemical properties

- State : liquid, phase separation may occur

- Colour : colourless

- Odour : mild

	<u>Value/range</u>	<u>Unit</u>	<u>Method</u>
- Changes of state :			
- Freezing-point :	minus 2	°C	
	28.4	°F	
- Boiling point/boiling range :	95-212	°C	
	203-414	°F	
- Flash point :	none	°C	Pensky-Martens
- Ignition temperature :	none		
- Explosion hazard :			
- Explosion limits : lower :	none	% by volume	
	upper :	none	% by volume
- Vapour pressure :	18,1	mbar	
- Density (20°C) :	0.99+/-0.02	g/cm ³	DIN 51757 ISO / R 758 - 1968
- Solubility in water :	water miscible		
- pH - Value :	6,25+/-0,75		DIN 19268
- Viscosity (20°C) :	not determined	cSt	DIN 51 562 ISO 3105

10. Stability and reactivity

- Conditions to be avoided :

none

- Substances to be avoided :

Strong oxidizing agents.

- Hazardous decomposition products : No decomposition up to boiling point. In case of fire CO can be development.

11. Toxicological information

Skin contact : Prolonged contact causes degreasing of the skin and slight irritation.

Eye contact : Slightly irritant.

Ingestion : No data are available about oral toxicity. The values of the constituents are higher than LD 50 (oral Rat) : 2000 mg / kg.

Inhalation : Health hazards are unlikely even under prolonged inhalation.

12. Ecological information

WGK (Germany) : 1 (Self classified based on specification of raw materials)

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13. Disposal considerations

Classified in accordance to EU - Regulations 75/442/EWG and 91/689/EWG verified by EU - Regulations 2001/118/EG and 2001/119/EG (valid 01.01.2002) :

- **Disposal No.:** 140603 / other solvents and solvents mixture
- **Uncleaned containers:** Disposed as waste according to the local regulations

14. Transport information

No dangerous good

Ground transportation ADR/RID

- **ADR/RID - class:** Not classified
- **UN-Number** Not classified
- **Item:** Not classified
- **Packaging classif.:** Not classified

Sea transportation

- **IMGD-Classif.:** Not classified
- **UN-Number:** Not classified
- **Packaging classif.:** Not classified
- **EMS-Number:** Not classified

Air transportation ICAO-TI

- and IATA-DGR:**
- **ICAO/IATA-Classif.:** Not classif
- **UN-ID-Number:** Not classif
- **Packing Classif.:** Not classif

15. Regulatory information

- **EEC labelling:** Symbols : none
- **Labelled hazardous components :** none
- **R-Phrases:** none
- **S-Phrases:** none

16. Additional information

Some of the information presented and conclusions drawn herein are from sources other than direct test data on the product itself. The contents and format of this MSDS are in accordance with EEC Commission Directive 91 / 155 / EEC.

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