

**EC SAFETY DATA SHEET
IN COMPLIANCE WITH DIRECTIVE 2001/58/EC**
Spectrum ACTIVE CLEANER R 280
1. Identification of the substance / preparation and of the company / undertaking

1.1. Identification of the substance or preparation

Active Cleaner R 280

1.2 Use of the substance / preparation

Floor cleaner.

1.3 Company / undertaking identification

 CC-Dr. Schutz GmbH, Holbeinstr. 17, D-53175 Bonn. **Phone** +49 228 95352-0, **Fax** +49 228 95352-28

1.4 Further information obtainable from

 Department for product development. **E-mail:** labor@dr-schutz.com, www.dr-schutz.com

1.5 Emergency telephone / advisory body

 Giftinformationszentrum-Nord, (Toxicological information centre/North)
 Robert-Koch-Str. 40, D-37075 Göttingen, Germany, phone +49 551 19240
 CC-Dr. Schutz GmbH, Steinbrinksweg 30, D-31840 Hessesch-Oldendorf.
Phone +49 5152 9779-0 (Mo.-Do. 8.00-17.00 Uhr, Fr. 8.00-14-00 Uhr)

2. HAZARDS IDENTIFICATION

2.1 Description of hazards

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.

2.2 Information concerning particular hazards for human and environment:

Heightened danger of slipping when the product is spilled on the floor.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Chemical characterization

3.2 Description:

Mixture of substances listed below with non hazardous additions.

3.3 Dangerous components:

anionic surfactants *+2Xi; R 38-41 1-5 %

anionic surfactants *+2Xi; R 36/38 1-5 %

CAS: 64-17-5

ethanol *+.F; R 11 1-5%

EINECS: 200-578-6

3.4 Additional information:

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

4. FIRST AID MEASURES

4.1 General information:

Immediately remove any clothing soiled by the product.

4.2 after inhalation

No special measures required.

4.3 after skin contact

Rinse with warm water.

After each cleaning use treatment creams, for very dry skin greasy ointments.

4.4 after eye contact

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

4.5 after swallowing

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

5. FIRE FIGHTING MEASURES

5.1 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.

5.2 For safety reasons unsuitable extinguishing agents:

Water with full jet

- 5.3 **Special hazards caused by the substance, its products of combustion or resulting gases:**
 Danger of forming toxic pyrolysis products.
- 5.4 **Protective equipment:**
 Do not inhale explosion gases or combustion gases. Wear self-contained respiratory protective device.
- 5.5 **Additional information**
 Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

6. ACCIDENTAL RELEASE MEASURES

- 6.1 **Person-related safety precautions:**
 Avoid contact with the eyes.
 Avoid close or long term contact with the skin.
 Particular danger of slipping on leaked/spilled product.
- 6.2 **Measures for environmental protection:**
 Prevent from spreading (e.g. by damming-in or oil barriers).
 Do not allow to enter sewers/ surface or ground water.
- 6.3 **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

- 7.1 **Handling**
 - 7.1.1 **Information for safe handling:**
 Follow instructions on the label and in the Technical Product Information Sheet.
 Avoid contact with the eyes.
 Avoid close or long term contact with the skin.
 - 7.1.2 **Information about fire - and explosion protection:**
 Highly volatile, flammable constituents are released during processing.
 No special precautions are necessary if used correctly.
- 7.2 **Storage**
 - 7.2.1 **Requirements to be met by storerooms and receptacles:**
 Store only in unopened original receptacles.
 - 7.2.2 **Information about storage in one common storage facility:**
 Store away from foodstuffs.
 - 7.2.3 **Further information about storage conditions:**
 Store in cool, dry conditions in well sealed receptacles.
 Protect from heat and direct sunlight.
 Store under lock and key and out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 **Exposure limit values**
 64-17-5 ethanol
 WEL Long-term value: 1920 mg/m³, 1000 ppm
- 8.2 **Exposure controls**
 - 8.2.1 **Occupational exposure controls**
 - 8.2.1.1 **General protective and hygienic measures:**
 Do not eat, drink, smoke or sniff while working.
 Be sure to clean skin thoroughly after work and before breaks.
 The usual precautionary measures are to be adhered to when handling chemicals.
 - 8.2.1.2 **Respiratory protection:**
 Not required.
 - 8.2.1.3 **Protection of hands:**
 Avoid direct contact with the chemical/ the product/ the preparation by organizational measures.
 To avoid skin problems reduce the wearing of gloves to the required minimum.
 - 8.2.1.4 **Material of gloves**
 Nitrile rubber, NBR
 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.
 - 8.2.1.5 **Penetration time of glove material**
 The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
 - 8.2.2 **Eye protection:**
 Where there is a danger of the eyes coming into contact with splashes of liquid (i.e. when refilling larger quantities), safety goggles according to EN 166 (i.e. goggles with side shields) are recommended.

- 8.2.3 **Body protection:**
Not required.
- 8.2.4 **Limitation and supervision of exposure into the environment:**
Follow instructions for use, dosage and waste disposal.

9. PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 **General information**
- 9.1.1 **Form:** Fluid
- 9.1.2 **Colour:** Colourless
- 9.1.3 **Odour:** Sweetish
- 9.2 **Change in condition**
- 9.2.1 **Melting point/Melting range:** Undetermined.
- 9.2.2 **Boiling point/Boiling range:** Undetermined.
- 9.2.3 **Flash point (°C):** > 61°C (Seta Flash Closed Cup)
- 9.2.4 **Flammability (solid, gaseous):** Undetermined.
- 9.2.5 **Self-igniting:** Product is not selfigniting.
- 9.2.6 **Danger of explosion:** Product does not present an explosion hazard.
- 9.2.7 **Density at 20°C:** 1.008 g/cm³
- 9.2.8 **Solubility in / Miscibility with water:** Fully miscible.
- 9.2.9 **pH-value at 20°C:** 8.5
- 9.2.10 **Viscosity:** Kinematic at 20°C: 20-25 s (ISO 2431, 3 mm)

10. STABILITY AND REACTIVITY

- 10.1 **Conditions to avoid:**
No decomposition if used and stored according to specifications.
- 10.2 **Materials to avoid:**
No dangerous reactions known.
- 10.3 **Hazardous decomposition products:**
Danger of forming toxic pyrolysis products.

11. TOXICOLOGICAL INFORMATION

- 11.1 **Acute toxicity**
Primary irritant effect:
- 11.1.1 **on the skin:** No irritant effect.
- on the eye:** No irritating effect.
- Sensitization:** No sensitizing effects known.
- 11.2 **Additional toxicological information:**
The product is not subject to classification according to the calculation method of the General EU 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 to our experience and the information provided to us.
- 11.3 **Repeated dose toxicity** Undetermined.
- 11.3 **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)** Undetermined.

12. ECOLOGICAL INFORMATION

- 12.1 **Persistence and degradability:**
The surfactants contained in the product correspond to the direction on the environmental compatibility of detergents and are biodegradable.
The solvent is biodegradable
- 12.2 **Behaviour in environmental systems:**
- 12.2.1 **Mobility and bioaccumulation potential:** Undetermined.
- 12.2.2 **Acquatic toxicity:** Undetermined.
- 12.2.3 **Behaviour in sewage processing plants:**
Technically correct releases of minimal concentrations to adapted biological sewage plants, will not disturb the biodegradability of activated sludge. Before allowing large quantities to be fed into sewage plants, obtain the approval of the responsible authorities.
- 12.3 **General notes:**
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.

13. DISPOSAL CONSIDERATIONS

- 13.1 **Product**
- 13.2 **Recommendation:**
Must be specially treated adhering to official regulations.
Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.
- 13.2 **European waste catalogue**
20 01 30 detergents other than those mentioned in 20 01 29

13.3 Uncleaned packaging:

13.3.1 Recommendation:

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning. Packagings that may not be cleansed are to be disposed of in the same manner as the product.

13.3.2 Recommended cleansing agents:

Water, if necessary together with cleansing agents.

14. TRANSPORT INFORMATION

14.1 Land transport

14.1.1 ADR/RID (cross border): --

14.1.2 ADR/RID class --

14.2 Maritime transport

14.2.1 IMDG Class --

14.3 Air transport

14.3.1 ICAO-TI & IATA-DGR Class --

15. REGULATORY INFORMATION

Labelling according to EC guidelines:

15.1 Code letter and hazard designation of product:

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

15.2 Safety phrases:

1/2 Keep locked up and out of the reach of children.

15.3 National regulations:

15.4 Other regulations, limitations and prohibitive regulations

Other regulations (EC): Regulation (EC) No 648/2004

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.

16.1 Relevant R-phrases

- 11 Highly flammable.
- 36/38 Irritating to eyes and skin.
- 38 Irritating to skin.
- 41 Risk of serious damage to eyes.

16.2 Training hints --

16.3 Recommended restriction of use --

16.4 Department issuing MSDS:
 Department for product development

16.5 Contact:
 Bettina Schaar

16.6 Sources Safety data sheet for raw materials, eur-lex.europa.eu