

**EC SAFETY DATA SHEET  
 ACCORDING TO 1907/2006/EC, ARTICLE 31**
**Spectrum ELATEX STAIN REMOVER**
**1. Identification of the substance / preparation and of the company / undertaking**

## 1.1. Product details

**Elatex Stain Remover**

## 1.2 Identification of the substance / preparation:

**Elatex Stain Remover**

## 1.3 Application of the substance / the preparation

**Cleaning material / Detergent**

## 1.4 Company / undertaking identification

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

## 1.5 Further information obtainable from

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

## 1.6 Emergency telephone

CC-Dr. Schutz GmbH, Steinbrinksweg 30, D-31840 Hessisch-Oldendorf.

**Phone** +49 5152 9779-0 (Mo.-Do. 8.00-17.00 Uhr, Fr. 8.00-14.00 Uhr)

**2. HAZARDS IDENTIFICATION**

## 2.1 Classification

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:

No hazards to be particularly mentioned.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

## 3.1 Chemical characterization

## 3.2 Description:

Mixture of substances listed below with nonhazardous additions.

## 3.3 Dangerous components:

CAS: 111-90-0 2-(2-ethoxyethoxy)ethanol 25-50%

EINECS: 203-919-7

CAS: 34590-94-8 (2-methoxymethylethoxy)propanol 25-50%

EINECS: 252-104-2

CAS: 107-98-2 1-methoxy-2-propanol R 10 5-10%

EINECS: 203-539-1

## 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

Supply fresh air.

## 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.

Do not leave affected persons unattended.

## 5. FIRE FIGHTING MEASURES

- 5.1 **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.
- 5.2 **Special hazards caused by the substance, its products of combustion or resulting gases:**  
 Danger of forming toxic pyrolysis products.
- 5.3 **Protective equipment:**  
 Do not inhale explosion gases or combustion gases.  
 Wear self-contained respiratory protective device.
- 5.4 **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.  
 Do not inhale gases / fumes / aerosols.  
 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.  
 Do not inhale gases / fumes / aerosols.
- 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.
- 7.2.4 **Specific applications**  
 None

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 **Exposure limit values**  
 34590-94-8 (2-methoxymethylethoxy)propanol  
 WEL Long-term value: 308 mg/m<sup>3</sup>, 50 ppm  
 Sk
- 107-98-2 1-methoxy-2-propanol  
 WEL Short-term value: 560 mg/m<sup>3</sup>, 150 ppm  
 Long-term value: 375 mg/m<sup>3</sup>, 100 ppm  
 Sk
- 8.2 **Exposure controls**
- 8.2.1 **Occupational exposure controls**
- 8.2.1.1 **General protective and hygienic measures:**  
 Do not inhale gases / fumes / aerosols.  
 Do not eat, drink, smoke or sniff while working.  
 Be sure to clean skin thoroughly after work and before breaks.  
 Keep away from foodstuffs, beverages and feed.
- 8.2.1.2 **Respiratory protection:**  
 Not necessary if room is well-ventilated.

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

**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:	Solvent like

**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):	67°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	Explosion Limits: Upper:	1.1 vol %
	Lower	14.0 vol %
9.2.8	Density at 20°C:	0.965 g/cm <sup>3</sup>
9.2.9	Solubility in / Miscibility with water:	Fully miscible.
9.2.10	pH-value at 20°C:	87.5
9.2.10	Viscosity:	25-30 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:**

Reacts with strong acids and oxidising agents.  
 Possible formation of peroxide.

**10.3 Hazardous decomposition products:**

Danger of forming toxic pyrolysis products.

**11. TOXICOLOGICAL INFORMATION**

**11.1 Acute toxicity**

Primary irritant effect:

11.1.1	<b>on the skin:</b>	No irritant effect.
	<b>on the eye:</b>	No irritating effect.
	<b>Sensitization:</b>	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 solvent is biodegradable
- 12.2 **Behaviour in environmental systems:**
  - 12.2.1 **Mobility and bioaccumulation potential:** Undetermined.
- 12.3 **Ecotoxicological effects:**
  - 12.3.2 **Acquatic toxicity:** Undetermined.
- 12.3.3 **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 1 (German Regulation) (Self-assessment): slightly hazardous for water  
Do not allow product to reach ground water, water course.  
Do not allow undiluted product or large quantities of it to reach 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 ADR/RID (cross border):** --
- 14.1.1 **ADR/RID class:** --
- 14.2 **Maritime transport IMDG:**
- 14.2.1 **IMDG Class:** --
- 14.3 **Air transport ICAO / TI & IATA-DGR**
- 14.3.1 **ICAO / IATA 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**  
10 Flammable.
- 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