

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 06.04.2009

Revision: 08.08.2008

1 Identification of the substance/preparation and of the company/undertaking

- **Product details**
- **Identification of the substance/preparation:** *Stain Guard*
- **Application of the substance / the preparation** Impregnation spray for textiles
- **Company/undertaking identification:**
CC-Dr. Schutz GmbH
Holbeinstr. 17, D-53175 Bonn
Tel. +49 (0)228 95352-0, Fax Tel. +49 (0)228 95352-28
- **Further information obtainable from:**
Department for product development
E-mail: labor@dr-schutz.com, www.dr-schutz.com
- **Emergency telephone:**
CC-Dr. Schutz GmbH, Steinbrinksweg 30, D-31840 Hessisch Oldendorf
Tel. +49 (0)5152 97 79-0 (Mo.-Do. 8.00-17.00 Uhr, Fr. 8.00-14.00 Uhr)

2 Hazards identification

- **Classification:**
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.













F+ Extremely flammable

- **Information concerning particular hazards for human and environment:**
At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.
Danger of bursting in case of strong heating or misuse of the packing.
R 12 Extremely flammable.
R 18 In use, may form flammable/explosive vapour-air mixture.
R 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R 66 Repeated exposure may cause skin dryness or cracking.
R 67 Vapours may cause drowsiness and dizziness.

3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Mixture of substances listed below with nonhazardous additions.

· Dangerous components:

CAS: 106-97-8 EINECS: 203-448-7	butane  F+; R 12	20-40%
CAS: 109-87-5 EINECS: 203-714-2	dimethoxymethane  F; R 11	20-40%
CAS: 67-63-0 EINECS: 200-661-7	propan-2-ol  Xi,  F; R 11-36-67	10-25%
CAS: 64742-49-0 EINECS: 265-151-9	Naphtha (petroleum), hydrotreated light  Xn,  Xi,  F,  N; R 11-38-51/53-65-67	10-25%
CAS: 74-98-6 EINECS: 200-827-9	propane  F+; R 12	5-10%
CAS: 64742-48-9 EINECS: 265-150-3	Naphtha (petroleum), hydrotreated heavy  Xn; R 10-65-66	1-5%

- **Additional information:** For the wording of the listed risk phrases refer to section 16.

4 First aid measures

- **General information:** Immediately remove any clothing soiled by the product.

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- **After inhalation:**
Supply fresh air; consult doctor in case of complaints.
Do not leave affected persons unattended.
- **After skin contact:**
Rinse with warm water.
After each cleaning use treatment creams, for very dry skin greasy ointments.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** Not applicable

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
- **Special hazards caused by the substance, its products of combustion or resulting gases:**
Can form explosive gas-air mixtures.
Danger of forming toxic pyrolysis products.
- **Protective equipment:**
Do not inhale explosion gases or combustion gases.
Wear self-contained respiratory protective device.
- **Additional information**
Cool endangered receptacles with water spray.
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

6 Accidental release measures

- **Person-related safety precautions:**
Avoid contact with the eyes.
Avoid close or long term contact with the skin.
Do not inhale gases / fumes / aerosols.
Ensure adequate ventilation
Keep away from ignition sources.
- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**
Ensure adequate ventilation.
Absorb liquid components with liquid-binding material.
Dispose of the material collected according to regulations.

7 Handling and storage

- **Handling:**
- **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.
Ensure good ventilation/exhaustion at the workplace.
- **Information about fire - and explosion protection:**
Fumes can combine with air to form an explosive mixture.
Do not spray onto a naked flame or any incandescent material.
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.

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- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Observe official regulations on storing packagings with pressurized containers.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:**
Store in cool, dry conditions in well sealed receptacles.
Protect from heat and direct sunlight.
Store receptacle in a well ventilated area.
Store under lock and key and out of the reach of children.
- **Specific applications** None

8 Exposure controls/personal protection

· Exposure limit values:

106-97-8 butane

WEL	Short-term value: 1810 mg/m ³ , 750 ppm Long-term value: 1450 mg/m ³ , 600 ppm Carc (if more than 0.1% of buta-1.3-diene)
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109-87-5 dimethoxymethane

WEL	Short-term value: 3950 mg/m ³ , 1250 ppm Long-term value: 3160 mg/m ³ , 1000 ppm
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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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- **Occupational exposure controls:**
- **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.
Do not inhale gases / fumes / aerosols.
- **Respiratory protection:** Use suitable respiratory protective device in case of insufficient ventilation.
- **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.
- **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.
- **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.
- **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.
- **Body protection:** Not required.
- **Limitation and supervision of exposure into the environment**
Follow instructions for use, dosage and waste disposal.

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9 Physical and chemical properties

· General Information

Form:	Aerosol
Colour:	Colourless
Odour:	Solvent-like

· Change in condition

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: Not applicable, as aerosol.

· **Flash point:** Not applicable, as aerosol.

· **Flammability (solid, gaseous):** Extremely flammable liquefied gas.

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

· **Danger of explosion:** In use, may form flammable/explosive vapour-air mixture.

· Explosion limits:

Lower:	0.8 Vol %
Upper:	17.6 Vol %

· **Density:** Not determined.

· Solubility in / Miscibility with water:

Partly soluble.

10 Stability and reactivity

· Conditions to avoid:

Protect from heat and direct sunlight.
 No decomposition if used and stored according to specifications.

· **Materials to avoid:** Reacts with strong oxidizing agents.

· **Hazardous decomposition products:** Danger of forming toxic pyrolysis products.

11 Toxicological information

· Acute toxicity:

· LD/LC50 values relevant for classification:

64742-49-0 Naphtha (petroleum), hydrotreated light

Inhalative	LC50/4 h	>5 mg/l (rat)
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109-87-5 dimethoxymethane

Inhalative	LC50/4 h	15 mg/l (rat)
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67-63-0 propan-2-ol

Inhalative	LC50/4 h	30 mg/l (rat)
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106-97-8 butane

Inhalative	LC50/4 h	658 mg/l (rat)
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· Primary irritant effect:

· **on the skin:** No irritant effect.

· **on the eye:** No irritating effect.

· **Sensitization:** No sensitizing effects known.

· Additional toxicological information:

Inhalation of concentrated vapours as well as oral intake will lead to anaesthesia-like conditions and headache, dizziness, etc.

· **Repeated dose toxicity** Undetermined.

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- **CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)** Undetermined.

12 Ecological information

- **Persistence and degradability:** The solvent is biodegradable
- **Behaviour in environmental systems:**
- **Mobility and bioaccumulation potential:** Undetermined.
- **Ecotoxicological effects:**
- **Acquatic toxicity:** Undetermined.
- **Remark:** Harmful to fish
- **Behaviour in sewage processing plants:** Product does not enter waste water if applied as intended.
- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow product to reach ground water, water course or sewage system.

13 Disposal considerations

- **Product:**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
Must be specially treated adhering to official regulations.

- **European waste catalogue**

07 06 04	other organic solvents, washing liquids and mother liquors
16 05 04	gases in pressure containers (including halons) containing dangerous substances

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **Land transport ADR/RID (cross-border):**



- **ADR/RID class:** 2 5F
- **Danger code (Kemler):** -
- **UN-Number:** 1950
- **Packaging group:** -
- **Hazard label:** 2.1
- **Description of goods:** 1950 AEROSOLS

- **Maritime transport IMDG:**



- **IMDG Class:** 2.1
- **UN Number:** 1950
- **Label:** 2.1
- **Packaging group:** -
- **EMS Number:** F-D,S-U
- **Marine pollutant:** No

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- **Proper shipping name:** AEROSOLS

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



- **ICAO/IATA Class:** 2.1
- **UN/ID Number:** 1950
- **Label:** 2.1
- **Packaging group:** -
- **Proper shipping name:** AEROSOLS, flammable

15 Regulatory information

- **Labelling according to EC guidelines:**

- **Code letter and hazard designation of product:**

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.



F+ Extremely flammable

- **Hazard-determining components of labelling:** None

- **Risk phrases:**

- 12 Extremely flammable.
- 18 In use, may form flammable/explosive vapour-air mixture.
- 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- 66 Repeated exposure may cause skin dryness or cracking.
- 67 Vapours may cause drowsiness and dizziness.

- **Safety phrases:**

- 2 Keep out of the reach of children.
- 9 Keep container in a well-ventilated place.
- 23 Do not breathe aerosol.
- 24/25 Avoid contact with skin and eyes.
- 29/56 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
- 51 Use only in well-ventilated areas.

- **Special labelling of certain preparations:**

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children.

- **National regulations:**

- **Information about limitation of use:** Employment restrictions concerning juveniles must be observed.

- **Other regulations, limitations and prohibitive regulations**

Other regulations (EC): Directive 75/324/EEC

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.

- **Relevant R-phrases**

- 10 Flammable.
- 11 Highly flammable.

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- 12 Extremely flammable.
- 36 Irritating to eyes.
- 38 Irritating to skin.
- 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- 65 Harmful: may cause lung damage if swallowed.
- 66 Repeated exposure may cause skin dryness or cracking.
- 67 Vapours may cause drowsiness and dizziness.

· **Training hints** ---· **Recommended restriction of use** ---· **Department issuing MSDS:** Department for product development· **Contact:** Dr. Hake· **Sources** Safety data sheet for raw materials, eur-lex.europa.eu

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