

SAFETY DATA SHEET

according to EC Ordinance 1907/2006



STOKO PROGEL

Version 1 Revision date 02.10.2009

Print Date 03.10.2009

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product information

Product name : STOKO PROGEL

Use: : Antibacterial skin protection gel

Company : Evonik Stockhausen GmbH
Bäckerpfad 25
47805 Krefeld

Telephone : ++49-2151-38-1370

E-mail : Email address of qualified person:
usgq-krefeld@evonik.com

Emergency phone : ++49-2151-38-1370
Telefax : ++49-2151-38-1647

2. HAZARDS IDENTIFICATION

Highly flammable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterisation:

Description : Gel containing alcohols and water.

Hazardous components:

Description : Ethanol
Percentage: : 64,6%
Symbol(s): : F
R-phrases: : 11
EINECS: : 200-578-6

Hazardous components:

Description : isopropanol
Percentage: : 10%
Symbol(s): : F, Xi
R-phrases: : 11-36-67
EINECS: : 200-661-7

Hazardous components:

Description : Oxybenzone
Percentage: : 0,2%
Symbol(s): : N
R-phrases: : 51/53
EINECS: : 205-031-5

The full text of the R phrases is contained in section 16.

All existing information on exposure limits is contained in section 8.

4. FIRST AID MEASURES

Eye contact : Rinse for a prolonged period with plenty of water and consult a

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doctor.

Inhalation : Fresh air ventilation.

Ingestion : If swallowed, seek medical advice immediately and show this container or label.

5. FIRE-FIGHTING MEASURES

Specific hazards during fire fighting : None known.

Special protective equipment for fire-fighters : as for flammable liquids

Suitable extinguishing media : water jet, carbon dioxide, foam, dry extinguishing agents
Foam must be resistant to polar solvents.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions : Take up and dispose of.

7. HANDLING AND STORAGE

Handling

Safe handling advice : Keep containers closed.
Avoid contact with the eyes.

Advice on protection against fire and explosion : Cool containers at risk.
In filling operations ensure explosion proof handling.
Keep away from sources of ignition.
May form inflammable mixtures with air.

Storage

Requirements for storage areas and containers : Keep container tightly closed.
When handling large quantities, e.g. when filling or refilling, ensure good ventilation of the room.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Basis : AGW (DE)
Value : 500,0 ml/m³ / 960,0 mg/m³
Remarks: : Ethanol

Basis : AGW (DE)
Value : 200,0 ml/m³ / 500,0 mg/m³
Remarks: : for isopropanol

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Basis : OEL (EN)
Value : 1.920,0 mg/m³ / 1.000 ppm
Remarks: : Ethanol

Basis : OEL (EN)
Value : 999,0 mg/m³ / 400 ppm
Remarks: : for isopropanol

Personal protective equipment

Hygiene measures : Obey reasonable safety precautions and practise good housekeeping.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form : gel
Colour : colourless
Odour : of alcohol

Other data

Fusing temperature : 20,00 °C
Starts to boil at : 80 - 90 °C
Flash point : < 21,00 °C
Method: DIN 51755
Flash point : 22,8 °C
Method: ASTM D 3278
Ignition temperature : not determined
Upper explosion limit : 15,00 %(V)
values for ethanol
Lower explosion limit : 3,5 Vol%
values for ethanol
Vapour pressure : ~ 300,0 hPa
at 55,0 °C
Density : ~ 0,875 g/cm³
at 20,0 °C
Water solubility : at 20,0 °C
soluble
pH : 6,0 - 6,5
at 100,0 g/l (20,0 °C)

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Viscosity, dynamic : ~ 8.000,0 mPa.s
at 20,0 °C

10. STABILITY AND REACTIVITY

Thermal decomposition : stable in the range of application

11. TOXICOLOGICAL INFORMATION

Further information : Based on knowledge of the properties of the components, adverse effects on human health are not to be expected in normal use.

Human experience : In tests on humans as well as in normal short-term use the product has proven to be compatible to the skin.

12. ECOLOGICAL INFORMATION

Elimination information (persistence and degradability)

Biodegradability : Prevent concentrated product from penetrating into waters without biological waste water treatment.
The product is readily biodegradable (data of the components).

13. DISPOSAL CONSIDERATIONS

Product : Dispose of whilst observing local legal regulations, e.g. in a suitable incineration plant.

Contaminated packaging : Please make sure that package is completely empty before recycling
Any major product residues in the original package should be recycled as hazardous waste.

14. TRANSPORT INFORMATION

Land transport

ADR:

Class : 3
Packaging group : II
Label : 3 Flammable liquid
Orange plate : Hazard no.: 33
Substance number: 1987
Description of the goods : 1987 ALCOHOLS, N.O.S.
Hazard inducer : Ethanol and Isopropanol,mixture

RID:

Class : 3
Packaging group : II

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Label : 3 Flammable liquid
Orange plate : Hazard no.: 33
Substance number: 1987
Description of the goods : 1987 ALCOHOLS, N.O.S.
Hazard inducer : Ethanol and Isopropanol,mixture

Sea transport

IMDG:

Class : 3
Packaging group : II UN-No: 1987
EmS : F-E S-D
Label : 3 flammable liquid
Correct technical name : ALCOHOLS, N.O.S.
Hazard inducer : Ethanol and Isopropanol,mixture

Air transport

ICAO/IATA:

Class : 3
Packaging group : II UN-No: 1987
Label : 3 Flammable Liquid
Correct technical name : ALCOHOLS, N.O.S.
Hazard inducer : Ethanol and Isopropanol,mixture

15. REGULATORY INFORMATION

Labelling according to EEC Directive

Symbol(s) : Highly flammable
R-phrase(s) : R11 Highly flammable.
S-phrase(s) : S02 Keep out of reach of children.
S07 Keep container tightly closed.
S16 Keep away from sources of ignition - No smoking.

National legislation

Risk classification according to BetrSichV (Germany) : Group/Class: B
Water contaminating class (Germany) : 1 slightly hazardous to water (self classification)Law of mixtures (Annex 4 No. 3 VwVwS)
TA Luft List (Germany) : not determined

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16. OTHER INFORMATION

R-phrases referred to in chapter 2 and 3 - wording

R11 - Highly flammable.

R36 - Irritating to eyes., R67 - Vapours may cause drowsiness and dizziness.

R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Alterations: section 8

Datenblatt ausstellender Bereich: Services Krefeld/USG/Produktsicherheit

Contact Person: Services Krefeld/USG/Produktsicherheit

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