

STOKOSEPT GEL

Version 3 Revision date: 12.12.2005

Print date: 26.04.2008

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

Product information

Product name : STOKOSEPT GEL
COMPANY : Evonik Stockhausen GmbH
Bäckerpfad 25
47805 Krefeld
Telephone : ++49-2151-38-1370
Emergency phone : ++49-2151-38-1370
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2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterisation:

Description: : Gel containing alcohols and water.

Hazardous components:

Description: : Ethanol
Percentage: : ~ 60 %
Symbol(s): : F
R-phrases: : 11

Hazardous components:

Description: : isopropanol
Percentage: : ~ 10 %
Symbol(s): : F, XI
R-phrases: : 11-36-67

3. HAZARDS IDENTIFICATION

highly flammable

4. FIRST AID MEASURES

Eye contact : Rinse for a prolonged period with plenty of water; if necessary, consult a doctor.
Inhalation : Fresh air ventilation.
Ingestion : Consult a doctor.

5. FIRE-FIGHTING MEASURES

Specific hazards during fire fighting : None known.
Special protective equipment for firefighters : as for flammable liquids
Suitable extinguishing media : water jet, carbon dioxide, foam, dry extinguishing agents

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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

Base : TRGS 900
Value : 500,0 ml/m³ / 960,0 mg/m³
Remarks: : Ethanol

Base : TRGS 900
Value : 200,0 ml/m³ / 500,0 mg/m³
Remarks: : (2-propanol)

Personal protection equipment

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form : gel-like

Colour : Clear.

Odour : of alcohol

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Other data

Fusing temperature	:	20,00 °C
Starts to boil at	:	80-90°C
Flash point	:	12,00 °C Method: DIN 51755
Flash point	:	24,4 °C Method: ASTM D 3278
Ignition temperature	:	not determined
Upper explosion limit	:	15,00 %(V) values for ethanol
Upper explosion limit	:	12,00 %(V) for isopropanol
Lower explosion limit	:	3,5 Vol% values for ethanol
Lower explosion limit	:	2,00 %(V) for isopropanol
Vapour pressure	:	~ 300,0 hPa at 55,0 °C
Density	:	~ 0,875 g/cm ³ at 20,0 °C
Water solubility	:	at 20,0 °C soluble
pH	:	~ 6,5 at 100,0 g/l (20,0 °C)
Viscosity, dynamic	:	~ 7.500,0 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.

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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 : Undamaged packaging may be responsibly reused after proper cleaning.

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 release : Ethanol and Isopropanol,mixture

RID:

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 release : 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 release : Ethanol and Isopropanol,mixture

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Air transport

ICAO/IATA:

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

15. REGULATORY INFORMATION

Labelling according to EEC Directive

General advice : not subject to compulsory marking, The product is subject to cosmetics regulations.

National legislation / regulations

German "Flammable Liquids" : Group/Class: B
classification (BetrSichV)

Water contaminating class : 1 slightly hazardous to water (self classification)Law of mixtures
(Annex 4 No. 3 VwVwS)

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.

Alterations: section 9

Datenblatt ausstellender Bereich:Services Krefeld/USGQ/Produktsicherheit

Contact Person: Services Krefeld/USGQ/Produktsicherheit

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