

STOKOSEPT GEL

Version 3 Revision date: 12.12.2005

Print date: 13.12.2005

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

Product information

Product name : STOKOSEPT GEL

COMPANY : Stockhausen GmbH
Bäckerpfad 25

47805 Krefeld

Telephone : ++49-2151-38-1370

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

Telefax : ++49-2151-38-1647

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

STOKOSEPT GEL

Version 3 Revision date: 12.12.2005

Print date: 13.12.2005

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

STOKOSEPT GEL

Version 3 Revision date: 12.12.2005

Print date: 13.12.2005

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.

STOKOSEPT GEL

Version 3 Revision date: 12.12.2005

Print date: 13.12.2005

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

STOKOSEPT GEL

Version 3 Revision date: 12.12.2005

Print date: 13.12.2005

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: LTÖ/Produktsicherheit

Contact Person: Services Krefeld/Laboratorium für Toxikologie und
Ökologie/Produktsicherheit

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.