

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

**schülke** 

**Thermosept alka clean forte**

**No Change Service!**

Version 02.01

Revision Date 19.02.2010

Print Date 23.08.2010

## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### Product information

Trade name : Thermosept alka clean forte  
Producer/Supplier : Schülke & Mayr GmbH  
Robert-Koch-Str. 2  
22851 Norderstedt  
Germany  
Telephone: +4940521000  
Telefax: +494052100318  
mail@schuelke.com  
www.schuelke.com

Contact person : Application Department HI  
+49 (0)40/ 521 00 544 (S&M UK +44 114 254 3500)  
pab@schuelke.com

Emergency telephone : +49 (0)40 / 52 100 –0

Application : Cleaning agent, Only for professional use in industry and commerce.

## 2. HAZARDS IDENTIFICATION

### Risk advice to man and the environment

ICAO-Labels / Indication of danger:

Xi Irritant  
R36/38 Irritating to eyes and skin.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : (Preparation)  
Solution of the following substances with harmless additives.

Components	CAS-No.	EC-No.	Symbol	R-phrase(s)	Concentration
Potassium hydroxide	1310-58-3	215-181-3	C	R22, R35	< 2 %
Sodim-etasulfate	126-92-1	204-812-8	Xi	R38, R41	< 5 %
Trisodium-nitrilotriacetate	5064-31-3	225-768-6	Xn	R22, R36, R40	< 5 %
Ethanol	64-17-5	200-578-6	F	R11	< 10 %

For the full text of the R-phrases mentioned in this Section, see Section 16.

## 4. FIRST AID MEASURES

General advice : Take off all contaminated clothing immediately.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

**Thermosept alka clean forte**

**No Change Service!**

Version 02.01

Revision Date 19.02.2010

Print Date 23.08.2010

Eye contact : In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
Skin contact : Wash off immediately with plenty of water.  
Ingestion : Obtain medical attention.

## 5. FIRE-FIGHTING MEASURES

Special protective equipment for fire-fighters : No special precautions required.  
Suitable extinguishing media : Water, Dry powder, Carbon dioxide (CO<sub>2</sub>), Foam  
Extinguishing media which shall not be used for safety reasons : No information available.  
Specific risk from the substance or the product itself, its combustion products or evolved gases : No special risks to be expected.

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Increased risk of slipping in the presence of leaked / spilled product.  
Environmental precautions : Avoid subsoil penetration.  
Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece). Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

## 7. HANDLING AND STORAGE

### Handling

Safe handling advice : Prepare the working solution as given on the label(s) and/or the user instructions.  
Advice on protection against fire and explosion : No special protective measures against fire required.

### Storage

Requirements for storage areas and containers : Store at room temperature in the original container.  
Further information : Keep away from heat. Keep away from direct sunlight. Keep container tightly closed.  
Advice on common storage : Keep away from food and drink. Do not store near acids.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Components with workplace control parameters

Components	CAS-No.	Value	Basis
------------	---------	-------	-------

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

**Thermosept alka clean forte**

**No Change Service!**

Version 02.01

Revision Date 19.02.2010

Print Date 23.08.2010

Ethanol	64-17-5	AGW: 960 mg/m <sup>3</sup> AGW: 500 ppm	TRGS 900
Ethanol	64-17-5	Ceiling Limit Value: 1.920 mg/m <sup>3</sup> Ceiling Limit Value: 1.000 ppm	TRGS 900

## Personal protective equipment

- Hand protection : Splash protection: disposable nitrile rubber gloves e.g. Dermatril (Layer thickness: 0,11 mm) made by KCL or gloves from other manufacturers offering the same protection.  
Prolonged contact: Nitrile rubber gloves e.g. Camatril (>480 Min., Layer thickness: 0,40 mm) or butyl rubber gloves e.g. Butoject (>480 Min., Layer thickness: 0,70 mm) made by KCL or gloves from other manufacturers offering the same protection.
- Eye protection : Safety glasses
- Hygiene measures : Keep away from food and drink.
- Protective measures : Avoid contact with skin and eyes.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

- Form : liquid
- Colour : nearly colourless
- Odour : characteristic

### Other data

- solidification range : < -5 °C
- Initial boiling point : ca. 100 °C
- Flash point : ca.50 °C  
Method: DIN 51755 Part 1
- Flammability : Does not sustain combustion.
- Density : ca.1,10 g/cm<sup>3</sup> at 20 °C
- Water solubility : at 20 °C  
in all proportions
- pH : ca.12,5 at 1.000 g/l
- pH : ca.11 at 5 g/l
- Viscosity, dynamic : ca.5 mPa\*s at 20 °C  
Method: ISO 3219

## 10. STABILITY AND REACTIVITY

- Hazardous reactions : reaction with acids. Possible incompatibility with alkali sensitive

materials.

Hazardous decomposition products : None reasonably foreseeable.

## 11. TOXICOLOGICAL INFORMATION

Further information : The product has not been tested. The classification was made according to the calculation procedure of the Preparations Directive.

## 12. ECOLOGICAL INFORMATION

Biodegradability : Readily biodegradable.  
Method: OECD 301D / EEC 84/449 C6

Further information : The surfactant(s) contained in this mixture complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer. This product has no known eco-toxicological effects. Avoid subsoil penetration.

## 13. DISPOSAL CONSIDERATIONS

Product : Dispose of the product according to the defined EWC (European Waste Code) No.

Contaminated packaging : Take empty packaging to the recycling plant.

Waste key for the unused product : EWC 070601

Waste key for the unused product(Group) : Waste material of HZVA from fats, lubricants, soaps, detergents, disinfectants and personal protection products.

## 14. TRANSPORT INFORMATION

Further information : **Not classified as supporting combustion according to the transport regulations.** Not classified as dangerous in the meaning of transport regulations.

## 15. REGULATORY INFORMATION

General advice : The product is classified and labelled in accordance with EC directives or respective national laws.

Symbol

:

Xi  
Irritant

R-phrases(s)

: R36/38

Irritating to eyes and skin.

S-phrases(s)

: S26

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Special labelling of certain mixtures

: Labelling according to Regulation (EC) No. 648/2004: &lt; 5 % anionic surfactants, &lt; 5 % non-ionic surfactants, &lt; 5% polycarboxylates, &lt; 5 % NTA (nitrilotriacetic acid) and salts thereof, enzymes

Further information

: The product is classified in accordance with Annex VI (2.2.5) to Directive 67/548/EEC.

**National legislation**

Legislation on the control of major-accident hazards involving dangerous substances

: Directive 96/82/EC does not apply

Volatile organic compounds (VOC) content

: 5 %  
Directive 1999/13/EC on the limitation of emissions of volatile organic compounds

VOC-Content

: 0,05 kg/kg  
Switzerland. VOC Ordinance, Annex II (Products)**16. OTHER INFORMATION**

Application

: Information on uses can be found in a separate preparation / product brochure.

Text of R-phrases mentioned in Section 3

R11	Highly flammable.
R22	Harmful if swallowed.
R35	Causes severe burns.
R36	Irritating to eyes.
R38	Irritating to skin.
R40	Limited evidence of a carcinogenic effect.
R41	Risk of serious damage to eyes.

The information given is only of use for possible safety requirements and is based on our actual knowledge. This information does not guarantee any properties. It is the responsibility of the receiver / user of our products to follow existing laws and regulations.

Changes compared with the previous edition!!!