

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Rein. Verst. für GIGASEPT FF No Change Service!

Version 01.06

Revision Date 26.06.2010

Print Date 23.08.2010

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

Product information

Trade name : Rein. Verst. für GIGASEPT FF
Producer/Supplier : Schülke & Mayr GmbH
Robert-Koch-Str. 2
22851 Norderstedt
Germany
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Emergency telephone number : +49 (0)40 / 52 100 -0

Application : Cleaning agent

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
Sodium hydroxide	1310-73-2	215-185-5	C	R35	1 - 2 %
Sodium water glass	1344-09-8	215-687-4	Xi	R36/37/38	5 - 15 %

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.
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, Foam, Carbon dioxide (CO₂)
- 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

- 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. Use prepared working solution as soon as possible - Do not store.
- 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
Sodium hydroxide	1310-73-2	Permissible exposure limit: 2 mg/m ³	OSHA

Personal protective equipment

- Hand protection : Splash protection: disposable nitrile rubber gloves e.g. Dermatril made by KCL or gloves from other manufacturers offering the same protection.
Prolonged contact: Nitrile rubber gloves e.g. Camatril (>480

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Min.) or butyl rubber gloves e.g. Butoject (>480 Min.) made by KCL or gloves from other manufacturers offering the same protection.

Eye protection : Tightly fitting safety goggles
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 : colourless
Odour : nearly odourless

Other data

solidification range : ca. 0 °C
Initial boiling point : ca. 100 °C
Flash point : > 100 °C
Method: ISO 2719
Vapour pressure : ca.25 hPa at 20 °C
Density : ca.1,09 g/cm³ at 20 °C
Water solubility : at 20 °C
in all proportions
pH : ca.11 at 10 g/l (20 °C)
flow time : < 15 s at 20 °C
Method: DIN 53211

10. STABILITY AND REACTIVITY

Hazardous reactions : reaction with acids Possible incompatibility with alkali sensitive materials.
Hazardous decomposition products : None reasonably foreseeable.

11. TOXICOLOGICAL INFORMATION

Skin irritation : Irritating to skin.
Eye irritation : Irritating to eyes.

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12. ECOLOGICAL INFORMATION

Biodegradability : biodegradable
Further information : 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

ADR	: UN-Number	1824	
	Class	8	
	Classification Code	C5	
	Packaging group	III	
	ADR/RID-Labels	8	
	ICAO-Labels	80	
	Description of the goods		SODIUM HYDROXIDE, SOLUTION
IMDG	: UN-Number	1824	
	Class	8	
	EmS	F-A, S-B	
	Packaging group	III	
	Marine pollutant	--	
	Description of the goods		SODIUM HYDROXIDE SOLUTION
IATA	: UN-Number	1824	
	Class	8	
	Packaging group	III	
	Description of the goods		SODIUM HYDROXIDE, SOLUTION

15. REGULATORY INFORMATION

General advice : In the EU, this product falls under the Directive medical devices 93/42/EEC. The product is classified and labelled in accordance with EC directives or respective national laws.

Symbol :



Xi
Irritant

R-phrase(s) : R36/38 Irritating to eyes and skin.

S-phrase(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: < 5 % phosphonates

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 : none, Directive 1999/13/EC on the limitation of emissions of volatile organic compounds

VOC-Content : none, Switzerland. VOC Ordinance, Annex II (Products)

16. OTHER INFORMATION

Text of R-phrases mentioned in Section 3

R35 Causes severe burns.

R36/37/38 Irritating to eyes, respiratory system and skin.

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!!!