

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

schülke -+

Gigasept Instru AF

No Change Service!

Version 01.05

Revision Date 25.01.2008

Print Date 25.01.2008

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

Product information

Trade name : Gigasept Instru AF
Producer/Supplier : Schülke & Mayr GmbH
Robert-Koch-Str. 2
22851 Norderstedt
Germany
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pab@schuelke.com

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

Application : Disinfectants

2. HAZARDS IDENTIFICATION

Risk advice to man and the environment

ICAO-Labels / Indication of danger:

C Corrosive
R34 Causes burns.

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
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Cocosalkylpropylen-diaminbiguanidinium-diacetat	85681-60-3	288-198-7	C, N	R22, R50, R34	14 %
Benzyl-C12-18-alkyldimethylammonium, chlorides	68391-01-5	269-919-4	C, N	R21/22, R34, R50	2,5 %
Ethanol	64-17-5	200-578-6	F	R11	5 - 15 %
Tridecylpolyethylenglycolether	69011-36-5		Xi	R41	5 - 15 %
Propan-2-ol	67-63-0	200-661-7	F, Xi	R11, R36, R67	< 5 %
N-dodecylpropane-1,3-diamine	5538-95-4	226-902-6	C, N	R22, R35, R50	< 5 %

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 for at least 15 minutes.
- Ingestion : Do NOT induce vomiting. Rinse mouth with water. Give small amounts of water to drink. 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

- Personal precautions : Increased risk of slipping in the presence of leaked / spilled product.
- Environmental precautions : Do not flush into surface water or sanitary sewer system. 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).

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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 : The hot product gives off combustible vapours.

Storage

Requirements for storage areas and containers : Store at room temperature in the original container.

Further information : Keep away from direct sunlight. Keep away from heat. Keep container tightly closed.

Advice on common storage : Keep away from food and drink.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Components with workplace control parameters**

Components	CAS-No.	Value	Basis
Ethanol	64-17-5	AGW: 960 mg/m ³ AGW: 500 ppm	TRGS 900
Propan-2-ol	67-63-0	AGW: 500 mg/m ³ AGW: 200 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 : 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 : green

Odour : amine-like

Other data

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solidification range	:	< -5 °C
initial boiling point	:	ca. 90 °C
Flash point	:	36 °C Method: DIN 51755 Part 1
Flammability	:	Does not sustain combustion.
Density	:	ca.0,99 g/cm ³ at 20 °C
Water solubility	:	at 20 °C in all proportions
pH	:	ca.9 at 1.000 g/l (20 °C)
Viscosity, dynamic	:	ca.30 mPa*s at 20 °C Method: DIN 54453

10. STABILITY AND REACTIVITY

Hazardous reactions	:	None reasonably foreseeable.
Hazardous decomposition products	:	None reasonably foreseeable.

11. TOXICOLOGICAL INFORMATION

Further information	:	No data is available on the product itself. The classification was made according to the calculation procedure of the Preparations Directive.
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12. ECOLOGICAL INFORMATION

Biodegradability	:	Remarks: According to OECD criteria, the product is inherently biodegradable. The statement has been derived from the properties of the individual components.
Toxicity to daphnia	:	EC50 Daphnia magna (Water flea) 0,28 mg/l Testing period: 48 h Method: OECD Test Guideline 202 GLP: yes Analytical monitoring: yes
Chemical Oxygen Demand (COD)	:	18323 mg/l Test substance: 1% solution
Further information	:	The surfactant(s) contained in this preparation 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

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authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

The product has not been tested.

Avoid subsoil penetration. Do not flush into surface water or sanitary sewer system.

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 1903



Class 8
Classification Code C9
Packaging group III
ADR/RID-Labels 8 + 11
ICAO-Labels 80
Description of the goods DISINFECTANT, LIQUID, CORROSIVE, N.O.S. (Cocosalkylpropylen-diaminbiguanidinium-diacetat)

IMDG : UN-Number 1903



Class 8
EmS F-A, S-B
Packaging group III
Marine pollutant --
Description of the goods DISINFECTANT, LIQUID, CORROSIVE, N.O.S. (COCOSALKYLPROPYLEN-DIAMINBIGUANIDIUM-DIACETAT)

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IATA : UN-Number 1903



Class 8
Packaging group III
Description of the goods Disinfectant, liquid, corrosive, n.o.s.
(Cocosalkylpropylen-diaminbiguanidinium-diacetat)

Further information : Not classified as supporting combustion according to the transport regulations.

15. REGULATORY INFORMATION

Hazardous components:

- Cocosalkylpropylen-diaminbiguanidinium-diacetat

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 :



C
Corrosive

R-phras(e)s : R34 Causes burns.

S-phras(e)s : S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Special labelling of certain preparations : Labelling according to Regulation (EC) No. 648/2004: 5 - 15 % non-ionic surfactants, perfumes

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

VOC-Content : 10 %
Directive 1999/13 /EC on the limitation of emissions of volatile organic compounds

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VOC-Content : 0,10 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 2

R11	Highly flammable.
R21/22	Harmful in contact with skin and if swallowed.
R22	Harmful if swallowed.
R34	Causes burns.
R35	Causes severe burns.
R36	Irritating to eyes.
R41	Risk of serious damage to eyes.
R50	Very toxic to aquatic organisms.
R67	Vapours may cause drowsiness and dizziness.

Other information

Caution! All information concerns the concentrated product!

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!!!