

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Gigasept PAA **No Change Service!**

Version 01.01

Revision Date 01.10.2009

Print Date 23.08.2010

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

Product information

Trade name : Gigasept PAA
Supplier : Schülke France SARL
28 rue d'Arcueil
94250 Gentilly
France
Telephone: +33 (0) 149 69 83 78
Telefax: +33 (0) 149 69 83 85
Producer : BIOXAL SA - AIR LIQUIDE Group
Route des Varennes - BP 72
71103 Chalon-sur-Saône Cedex
France
Telephone: + 33 (0) 3 85 92 30 00
Telefax: + 33 (0) 3 85 92 30 12
Emergency telephone : Emergency telephone number BIOXAL: + 33 (0) 3 85 92 30 30
Emergency telephone : Emergency telephone number ORFILA: + 33 (0) 1 45 42 59 59
Contact person : mail@schuelke.com
+33 (0) 149 69 83 78
Application : Disinfectants

2. HAZARDS IDENTIFICATION

Risk advice to man and the environment

ICAO-Labels / Indication of danger:

Xi Irritant
R41 Risk of serious damage to eyes.

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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Peracetic acid	79-21-0	201-186-8	O, C, N	R 7, R10, R20/21/22, R35, R50	< 1 %
Hydrogen peroxide	7722-84-1	231-765-0	C, O	R 5, R 8, R20/22, R35	< 5 %
Acetic acid	64-19-7	200-580-7	C	R10, R35	< 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 : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.
- Skin contact : Wash off immediately with plenty of water. Call a physician immediately.
- Inhalation : Move the victim to fresh air and keep him calm. If symptoms persist, call a physician.
- Ingestion : Rinse mouth. Call a physician immediately.

5. FIRE-FIGHTING MEASURES

- Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.
- Suitable extinguishing media : Dry powder, Foam, Water spray jet, Carbon dioxide (CO₂)
- Extinguishing media which shall not be used for safety reasons : High volume water jet
- Further information : Cool closed containers exposed to fire with water spray.
- Specific risk from the substance or the product itself, its combustion products or evolved gases : Fire may cause evolution of: Oxygen

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation. Avoid contact with skin and eyes. Do not breathe vapour.
- Environmental precautions : Avoid subsoil penetration. Do not flush into surface water or sanitary sewer system.
- Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece). Unsuitable material for picking up: Absorbent material, organic. Kieselguhr Sawdust Keep in suitable, closed containers for disposal. Clean contaminated surface thoroughly. Flush with water.

7. HANDLING AND STORAGE

Handling

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- Safe handling advice : Provide sufficient air exchange and/or exhaust in work rooms. Handle and open container with care. Never return unused material to storage receptacle.
- Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Storage

- Requirements for storage areas and containers : Keep only in the original container.
Suitable container and packaging materials for safe storage
Plastic container of HDPE
Polyethylene
glass
Unsuitable materials for containers
Metals
Store in a receptacle equipped with a vent.

Further information : **Keep away from heat. Keep away from direct sunlight. Store in cool place. Do not keep the container sealed. Store in upright position only. Recommended storage temperature: 5 - 30°C**

- Advice on common storage : Do not store together with metals. Do not store together with alkalis. Do not store together with reducing agents. Do not store together with combustible substances.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Additional technical information on the plant : Ensure that eyewash stations and safety showers are close to the workstation location.

Components with workplace control parameters

Components	CAS-No.	Value	Basis
Hydrogen peroxide	7722-84-1	MAK: 0,71 mg/m ³ MAK: 0,5 ppm	MAK
Acetic acid	64-19-7	MAK: 25 mg/m ³ MAK: 10 ppm	MAK

Personal protective equipment

- Respiratory protection : If the occupational exposure limits cannot be met, in exceptional cases suitable respiratory equipment should be worn only for a short period of time. Combination filter: A2B2E2K1P2
- Hand protection : Prolonged contact: Nitrile rubber gloves e.g. Camatril (>120 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.
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.
- Eye protection : Tightly fitting safety goggles
- Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place., Wear as appropriate:, Chemical resistant apron, Boots, Neoprene
- Hygiene measures : When using do not eat or drink.
- Protective measures : Do not breathe vapour. Avoid contact with skin and eyes.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form : liquid
Colour : colourless
Odour : very faint characteristic

Other data

Melting point/range : not determined, not applicable

Crystallization range : < -15 °C

Boiling point/boiling range : ca. 100 °C
at 1.013 hPa

Flash point : not applicable

Autoignition temperature : not applicable

Lower explosion limit : Explosive properties, Not explosive

Vapour pressure : 20 hPa at ca.20 °C

Density : ca.1,02 g/cm³ at 20 °C

Water solubility : completely soluble

pH : ca.3,5 at 1.000 g/l (20 °C)

10. STABILITY AND REACTIVITY

Thermal decomposition : To avoid thermal decomposition, do not overheat.

Materials to avoid : Reducing agents, Acid chlorides, Strong acids and strong bases, Aldehydes, Metals

Hazardous decomposition products : Oxygen

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50 rat > 2000 mg/kg
Method: OECD Test Guideline 401

Skin irritation : rabbit,
Method: OECD Test Guideline 404
Remarks: According to the classification criteria of the European Union, the product is not considered as being a skin irritant.

Eye irritation : rabbit, Risk of serious damage to eyes.
Method: OECD Test Guideline 405

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Sensitisation : guinea pig, Did not cause sensitization on laboratory animals.
Method: OECD Test Guideline 406

12. ECOLOGICAL INFORMATION

Bioaccumulation : Remarks: This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).

Further information : 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. Dispose of as hazardous waste in compliance with local and national regulations.

Contaminated packaging : Take empty packaging to the recycling plant.

Waste key for the unused product : EWC 160903

Waste key for the unused product(Group) : peroxides, e.g. hydrogen peroxide

14. TRANSPORT INFORMATION

Further information : Not classified as dangerous in the meaning of transport regulations.

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) : R41 Risk of serious damage to eyes.

S-phrase(s) : S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S39 Wear eye/face protection.

National legislation

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Legislation on the control of : Directive 96/82/EC does not apply
major-accident hazards
involving dangerous
substances

16. OTHER INFORMATION

Text of R-phrases mentioned in Section 3

R 5	Heating may cause an explosion.
R 7	May cause fire.
R 8	Contact with combustible material may cause fire.
R10	Flammable.
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R20/22	Harmful by inhalation and if swallowed.
R35	Causes severe burns.
R50	Very toxic to aquatic organisms.

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!!!