

SAFETY DATA SHEET

according to the United Nations GHS (Rev. 7, 2017)

schülke 

gigasept® OPA

Version
1.0

Revision date
14/10/2021

Date of last issue: 07/01/2021
Date of First issue: 07/01/2021

SECTION 1: Identification

1.1. GHS Product identifier

Product form : Mixture
Trade name : **gigasept® OPA**
Type of product : Instrument disinfectant liquid

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : For professional use only
High Level Instrument Disinfectant Broad-Spectrum Antimicrobial.

1.4. Supplier's details

Supplier

Schulke India Private Limited

Delphi, A - Wing, Office No. 603,
Orchard Avenue, Hiranandani Business Park, Powai, Mumbai - 400 076,
State - Maharashtra, India.
Tel. No.: +91 22 6173 6600/ 6620
Fax No.: +91 22 6173 6650
www.schuelke.com/in-en

Email : customercare.india@schuelke.com

1.5. Emergency phone number

Emergency number : +91 22 6173 6600

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification according to the United Nations GHS

Hazardous to the aquatic environment – Chronic Hazard, category 3 H412 Calculation method
Skin sensitisation, Category 1 H317 Calculation method
Hazardous to the aquatic environment — Acute Hazard, Category 3 H402 Calculation method
Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects : May cause an allergic skin reaction, Harmful to aquatic life with long lasting effects.

2.2. GHS Label elements, including precautionary statements

Labelling according to the United Nations GHS

Hazard pictograms (GHS UN) :



Signal word (GHS UN) : Warning
Hazardous ingredients : o-phthalaldehyde
Hazard statements (GHS UN) : H317 - May cause an allergic skin reaction
H412 - Harmful to aquatic life with long lasting effects
Precautionary statements (GHS UN) : P101 - If medical advice is needed, have product container or label at hand.
P261 - Avoid breathing vapours, mist, spray.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P273 - Avoid release to the environment.
P280 - Wear protective gloves, eye protection, face protection.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P333+P313 - IF skin irritation or rash occur : Get medical advice
P362+P364 - Take off contaminated clothing and wash it before reuse.
P501 - Dispose of contents to an approved waste disposal plant.

2.3. Other hazards which do not result in classification

No additional information available

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SECTION 3: Composition/information on ingredients**3.1. Substances**

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to the United Nations GHS
o-phthalaldehyde	(CAS-No.) 643-79-8	0.0 – 1.0%	Acute Tox. 3 (Oral), H301 Skin Corr. 1, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of H-statements: see section 16

SECTION 4: First-aid measures**4.1. Description of necessary first-aid measures**

- First-aid measures general : Never give anything by mouth to an unconscious person. Call a poison center or a doctor if you feel unwell.
- First-aid measures after inhalation : If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or a doctor if you feel unwell.
- First-aid measures after skin contact : If skin irritation or rash occurs: Wash hands with water and soap. Discontinue use and obtain medical attention if irritation develops and persists.
- First-aid measures after eye contact : Rinse eyes with water as a precaution. Remove contact lenses, if present and easy to do. Continue rinsing.
- First-aid measures after ingestion : If swallowed: rinse mouth. Do NOT induce vomiting. If you feel unwell, seek medical advice.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation : May cause an allergic skin reaction.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures**5.1. Suitable extinguishing media**

- Suitable extinguishing media : This product is not flammable. Use extinguishing agent suitable for type of surrounding fire.
- Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

- Fire hazard : No fire hazard.
- Explosion hazard : Not expected under normal conditions of use.

5.3. Special protective actions for fire-fighters

- Firefighting instructions : No specific firefighting instructions required.
- Protective equipment for firefighters : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****6.1.1. For non-emergency personnel**

- Emergency procedures : Ventilate spillage area. Evacuate unnecessary personnel.

6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
- Emergency procedures : Ventilate area. Evacuate and limit access.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Avoid release to the environment.

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6.3. Methods and materials for containment and cleaning up

Methods for cleaning up : Recover small spills with a suitable absorbent, like diatomaceous earth. Contain large spills to maximize product recovery or disposal. Collect spillage.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with eyes, skin, or clothing. Avoid breathing vapours, spray, mist.
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Contaminated work clothing should not be allowed out of the workplace.
Additional hazards when processed : No additional information available.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Heat sources, Ignition sources. Keep container closed when not in use.
Incompatible products : Strong bases. Strong acids.
Incompatible materials : Sources of ignition. Direct sunlight.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls : Engineering controls are not usually necessary if good hygiene practices are followed. Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.
Other information : Do not eat, drink or smoke during use.

8.3. Individual protection measures, such as personal protective equipment (PPE)

Hand protection : In case of repeated or prolonged contact (industrial environment), wear gloves; Chemical resistant gloves (according to European standard EN 374 or equivalent). PVC, nitrile rubber Or butyl rubber gloves are recommended with breakthrough time of approx. 25 minutes according to EN 374 (0.1 mm thickness); changing gloves after 20 minutes is recommended.
Eye protection : Avoid contact with eyes. In case of repeated or prolonged contact (industrial environment), wear approved safety goggles. Chemical goggles should be consistent with EN166 or equivalent.
Skin and body protection : If repeated skin contact or contamination of clothing is likely (industrial environment), protective clothing should be worn. Chemical resistant protective apron / clothing (tested to EN 14605 or equivalent).
Respiratory protection : In case of repeated or prolonged exposure (industrial environment), work in well-ventilated zones or use proper respiratory protection. This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used.

Personal protective equipment symbol(s)



8.4. Exposure limit values for the other components

No additional information available

SECTION 9: Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state : Liquid
Appearance : Clear Liquid
Colour : light blue.
Odour : Not determined for this product
Odour threshold : Not determined for this product
Melting point : Not applicable

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Freezing point	: Not determined for this product
Boiling point	: ~ 98 °C
Flammability (solid, gas)	: Non flammable.
Explosive limits	: Not determined for this product
Lower explosive limit (LEL)	: Not determined for this product
Upper explosive limit (UEL)	: Not determined for this product
Flash point	: Not determined for this product
Auto-ignition temperature	: Not determined for this product
Decomposition temperature	: Not determined for this product
pH	: 7.2 – 7.8
pH solution	: Not determined for this product
Viscosity, kinematic (calculated value) (40 °C)	: Not determined for this product
Partition coefficient n-octanol/water (Log Kow)	: Not determined for this product
Vapour pressure	: Not determined for this product
Vapour pressure at 50 °C	: Not determined for this product
Density	: Not determined for this product
Relative density	: Not determined for this product
Relative vapour density at 20 °C	: Not determined for this product
Solubility	: Not determined for this product
Explosive properties	: Not explosive
Oxidising properties	: Not an oxidizer

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	: Not classified (Based on available data, the classification criteria are not met)

o-phthalaldehyde (643-79-8)

ATE UN (oral)	100 mg/kg bodyweight
Skin corrosion/irritation	: Not classified Based on available data, the classification criteria are not met pH: 7.2 – 7.8

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Serious eye damage/irritation	: Not classified Based on available data, the classification criteria are not met pH: 7.2 – 7.8
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified Based on available data, the classification criteria are not met
Reproductive toxicity	: Not classified Based on available data, the classification criteria are not met
STOT-single exposure	: Not classified Based on available data, the classification criteria are not met
STOT-repeated exposure	: Not classified Based on available data, the classification criteria are not met
Aspiration hazard	: Not classified Based on available data, the classification criteria are not met

SECTION 12: Ecological information**12.1. Toxicity**

Ecology – general	: Harmful to aquatic life with long lasting effects
Ecology - water	: Harmful to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short-term (acute)	: Harmful to aquatic life.
Classification procedure (Hazardous to the aquatic environment, short-term (acute))	: Calculation method
Hazardous to the aquatic environment, long-term (chronic)	: Harmful to aquatic life with long lasting effects
Classification procedure (Hazardous to the aquatic environment, Long-term (Chronic))	: Calculation method

12.2. Persistence and degradability**gigasept® OPA**

Persistence and degradability	May cause long-term adverse effects in the environment.
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12.3. Bioaccumulative potential**gigasept® OPA**

Bioaccumulative potential	Not established.
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12.4. Mobility in soil**gigasept® OPA**

Mobility in soil	No additional information available
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12.5. Other adverse effects

Ozone	: Not classified
Other adverse effects	: No additional information available
Other information	: Avoid release to the environment.

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- Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
- Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to an approved waste disposal plant.
- Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

In accordance with IMDG / IATA / UN RTDG

UN RTDG	IMDG	IATA
14.1. UN number		
Not regulated for transport		
14.2. UN Proper Shipping Name		
Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)		
6.1	6.1	6.1
Not applicable	Not applicable	Not applicable
14.4. Packing group		
Not applicable	Not applicable	Not applicable
14.5. Environmental hazards		
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No
No supplementary information available		

14.6. Special precautions for user

- UN RTDG**
Transport regulations (UN) : Not regulated for transport
- IMDG**
Transport regulations (IMDG) : Not regulated for transport
- IATA**
Transport regulations (IATA) : Not regulated for transport

14.7. Transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations specific for the product in question**

No additional information available

SECTION 16: Other information

- Other information : As per Supplier information. GHS classification information. ECHA (European Chemicals Agency). CLP Inventory.

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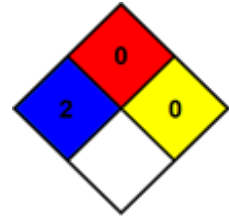
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NFPA health hazard	: 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.
NFPA fire hazard	: 0 - Materials that will not burn under typical fire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.
NFPA reactivity	: 0 - Material that in themselves are normally stable, even under fire conditions.
NFPA specific hazard	: -



Full text of H-statements:	
H301	Toxic if swallowed
H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H335	May cause respiratory irritation
H400	Very toxic to aquatic life
H402	Harmful to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

SDS UN

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.