

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

Endoscope Disinfectant; Ortho-Phthalaldehyde 0,55%

1. Identification of the substance/mixture and of the company/undertaking:

1.1. Product identifiers

REF No : 6026
Trade Mark : GBL® SANITAROSA™ OPA
Product Name : Endoscope Disinfectant; Ortho-Phthalaldehyde 0,55%

1.2. Relevant identified uses of the substance or mixture and uses advised against

SANITAROSA™ OPA solution is a convenient, ready-to-use, high-level disinfectant that provides a broad-spectrum microbiological activity.

1.3. Detailers of the supplier of the safety data sheet:

Company Name : GBL Gül Biyoloji Laboratuvarı Sanayi ve Ticaret Anonim Şirketi
Address HQ: Serifali Mah. Hattat Sk. No:10 P.O.: 34775 Ümraniye İstanbul TÜRKİYE
Factory: Dudullu OSB Mah. IMES C Blok 305 Sk. No:16 P.O.: 34775 Ümraniye İstanbul TÜRKİYE
Telephone : +90 216 364 15 00
Fax : +90 216 314 15 69
E-mail : export@gbl.com.tr
Web : www.gbl.com.tr

1.4. Emergency telephone number:

Company: +90 216 364 15 00
or contact your local emergency telephone number

2. Hazard identification:

2.1. Classification of the substance or mixture:

Classification according to Regulation (EC) No 1272/2008
Not classified.

2.2. Label Elements

Labelling according Regulation (EC) No 1272/2008
No labelling applicable.

2.3. Other hazards: None.

3. Composition/information of ingredients:

3.1. Substance:

Not applicable.

3.2. Mixture:

Component	Classification	Concentration
O-Phthalaldehyde CAS No: 643-79-8 EC No: 211-402-2	Flam. Sol. 1; H228 Acute Tox. 3; H301 Skin Cor. 1C; H314 Skin Irrit. 1; H317 Eye Irrit. 1; H318 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	>= 0,52 - < 0,58%

For the full text of the H-statements mentioned in this Section, see Section 16.

4. **First aid measures:**

4.1. **Description of first aid measures**

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

Remove the victim into fresh air. Immediately consult a doctor/medical service.

In case of skin contact

Wash immediately with lots of water. Remove clothing before washing. Consult a doctor/medical service.

In case of eye contact

Rinse with water. Remove contact lenses, if present and easy to do. Continue rinsing. Consult a doctor/medical service.

If swallowed

Rinse mouth with water. Give nothing to drink. Do not induce vomiting. Immediately consult a doctor/medical service. Take the container/vomit to the doctor/hospital.

4.2. **Most important symptoms and effects, both acute and delayed**

No data available.

4.3. **Indication of any immediate medical attention and special treatment needed**

No data available.

5. **Firefighting measures:**

5.1. **Extinguishing media**

Suitable extinguishing media

Water spray, foam, dry powder or carbon dioxide.

Unsuitable extinguishing media

No data available.

5.2. **Special hazards arising from the substance or mixing**

Carbon oxides.

5.3. **Advice for firefighters**

Special protective masks and protective clothing should be worn during firefighting. Use a self-contained breathing apparatus.

5.4. **Further information**

No data available.

6. **Accidental release measures:**

6.1. **Personal precautions, protective equipment and emergency procedures**

Wear personal protective equipment. Make sure there is good ventilation. Do not breathe waste. For personal protection see section 8.

6.2. **Environmental precautions**

Do not let the product enter drains.

6.3. **Methods and materials for containment and cleaning up**

Stop leaks if possible. Collect spillage with non-combustible absorbent materials (sand, soil) and place in waste containers in accordance with local/national regulations.

6.4. **Reference to other sections**

For disposal see section 13.

7. **Handling and storage:**

7.1. Precautions for safe handling

Wear personal protective equipment. Avoid contact with eyes. Make sure there is good ventilation. Avoid direct contact with the substance. For precautions see section 2.2.

7.2. Conditions for safe storage, including incompatibilities

Ensure adequate and good ventilation. The tank must be cool and dry. Smoking, eating and drinking should be prohibited in the environment. Store the substance/preparation in its original container.

For the recommended storage temperature, see the product label.

7.3. Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

8. Exposure controls/personal protection:

8.1. Control parameters

No data available.

8.2. Exposure controls

Appropriate engineering controls

Wash hands before breaks and immediately after handling the product.

Personal protective equipment

Eye/face protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dust.

Skin protection: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Body protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do not let the product enter drains.

9. Physical and chemical properties:

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Color	Light lemon.
Odor	Slight odour.
Odor threshold	No data available.
pH	7,4 ± 0,3
Melting point	No data available.
Boiling point	No data available.
Flash point	No data available.
Evaporation rate	No data available.
Flammability	No data available.
Upper/lower flammability or explosive limits	No data available.
Vapour pressure	No data available.

Vapour density	No data available.
Density	No data available.
Water solubility	Soluble.
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Viscosity	No data available.
Explosive properties	No data available.
Oxidizing properties	No data available.

9.2. Other safety information

No data available.

10. Stability and reactivity:

10.1. Reaction

No data available.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

Oxidizing substances, amines, strong bases.

10.6. Hazardous decomposition products

Carbon oxides.

11. Toxicological information:

11.1. Information on toxicological effects

Acute toxicity

Ortho-phthalaldehyde [CAS No 643-79-8]:

LD50 Oral – rat – 178 mg/kg

LD50 Dermal – rat – > 2000 mg/kg

Skin corrosion/irritation

Corrosive.

Serious eye damage/eye irritation

No data available.

Respiratory or skin sensitization

No data available.

Carcinogenicity

No data available.

Reproductive Toxicity

No data available.

Specific target organ toxicity – single exposure

No data available.

Specific target organ toxicity – repeated exposure

No data available.

Aspiration hazard

No data available.

11.2. Additional information

No data available.

12. Ecological information:

12.1. Toxicity

Ortho-phthalaldehyde [CAS No 643-79-8]:

LC50/96 hour (Fish): 4.067 mg/L (ppm)

LC50/48 hour (Daphnid): 4.799 mg/L (ppm)

EC50/96 hour (Green Alga): 0.980 mg/L (ppm)

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

13. Disposal considerations:

13.1. Waste treatment methods:

Waste materials must be disposed of in accordance with Directive 2008/98/EC and other National and Local Regulations. Leave chemicals in original containers. Do not mix with other waste. Treat uncleaned containers as the product itself.

14. Transport information:

ADR/RID

ADR/RID Class : -
UN Number : -
Packaging Group : -
Propper Shipping Name : Not dangerous good.

IMDG

IMDG Class : -
UN Number : -
Packaging Group : -
Propper Shipping Name : Not dangerous good.
Environmental Hazard : No.

ICAO/IATA

ICAO/IATA Class : Not restricted for transportation.
UN Number : -
Packaging Group : -
Propper Shipping Name : Not dangerous good.

This product is not classified as a Dangerous Good by ADR/RID, IMDG or IACO/IATA criteria. No special transport conditions are necessary unless required by other regulations.

15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.2. Chemical safety assessment

For this product, a chemical safety assessment was not carried out.

16. Other information:

Updates Since Previous Version

Implementation of classification and labeling in compliance with EC regulation 1272/2008. Sections of 4, 9 and 14 were revised.

Full text of H-statements referred to under sections 2 and 3.

H228	Flammable solids.
H301	Toxic if swallowed.
H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Abbreviations:

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS No	Chemical Abstracts Service Number
EC No	European Inventory of Existing Commercial Chemical Substances
EC50	Effective concentration, 50 percent
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Good
LC50	Lethal concentration, 50 percent
LD50	Lethal dose, 50 percent
PBT	Persistent, Bioaccumulative and Toxic
RID	International Carriage of Dangerous Goods by Rail
vPvB	Very Persistent and very Bioaccumulative

Notice to Reader: The information contained herein is accurate to the latest knowledge and describes the product from the point of view of health and environmental protection as well as safe handling. The information presented in this SDS refers to the technical product only and will not apply to any processed product. Final determination of suitability of any materials is the sole responsibility of the user.