

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

Medical Device Surface Cleaner Disinfectant, Alcohol Free

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

1.1. Product Identifier

Trademark	: GBL® SURFACTO™ QAS
Product Name	: Medical Device Surface Cleaner Disinfectant, Alcohol-Free
Product REF No	: 6007

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

Alcohol-free rapid cleaner disinfectant based on quaternary ammonium compounds. Especially suitable for alcohol-sensitive equipment and medical devices.

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. İMES C Blok 305 Sk. No:16 P.O.: 34775 34775
Ümraniye İstanbul TÜRKİYE
Telephone : +90 216 364 15 00
Fax : +90 216 314 15 69
E-mail : export@gbl.com.tr

1.4. Emergency Telephone Number:

Telephone: +90 (216) 364 15 00 or contact your local emergency telephone number.

2. HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

2.1.1. Product definition: Mixture

2.1.2. Classification according to regulation (EC) No. 1272/2008 (GLP/GHS):

Not classified.

2.2. Label elements

2.2.1. Labeling (Regulation (EC) No 1272/2008)

No labeling is applicable.

2.3. Other hazards

None.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable

3.2. Mixture

Chemical name	EC No	CAS No	Concentration %	Classification
Didecyl Dimethyl Ammonium Chloride, 80%	-	68424-95-3	$\geq 0,05 - < 0,1\%$	Acute Tox. 4, H302 Acute Tox. 4; H312 Acute Tox. 4; H332 Skin Corr. 1B, H314 Aquatic Acute 1, H400
Benzalkonium Chloride, 50%	-	68424-85-1	$\geq 0,1 - < 0,3\%$	Acute Tox. 4, H302 Acute Tox. 4, H312 Skin Corr. 1B, H314 Aquatic Acute 1, H400
Chlorhexidine Digluconate, 20%	242-354-0	18472-51-0	$\geq 0,4 - < 0,6\%$	Eye Dam.1 H318 Aquatic Chronic 1, H410

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. In the event of symptoms refer for medical treatment.

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. Take the victim to an ophthalmologist if irritation persists.

If swallowed.

Rinse out your mouth and give plenty of water to drink. Immediately consult a doctor 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

5.1.1. Suitable extinguishing media

The product itself is non-combustible, fire extinguishing methods of surrounding areas must be considered.

5.1.2. Unsuitable extinguishing media

None known.

5.2. Special hazards arising from the substance or mixtures.

In the event of fire, the following can be released: Carbon monoxide (CO).

5.3. Advice for firefighters

5.3.1. Special precautions for firefighters: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

5.3.2. Special protective equipment for firefighters: Firefighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for firefighters (including helmets, protective boots, and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment, and emergency procedures

Avoid contact with eyes. Wear a full-face mask, plastic boots, and plastic gloves. Avoid substance contact. 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.

Collect spillage with non-combustible absorbent materials (sand, soil) and place them 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

Observe the precautions on the label.

Change contaminated clothing. Wash hands after working with substances.

7.2. Conditions for safe storage, including any incompatibilities.

Store in a cool place. Keep the container tightly closed in a dry and well-ventilated place. Containers that are opened must be carefully resealed and kept upright to prevent leakage.

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/PERSONEL PROTECTION

8.1. Control parameters occupational exposure limits

Not 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

Form	: Liquid
Odor	: No data available
Color	: Colorless
pH @ 25 °C (ca)	: 7,2 +/- 0,3
Melting point/freezing point	: No data available
Flash point	: No data available

Evaporation rate	: No data available
Upper/Lower Flammability or explosive limits	: No data available
Vapor pressure	: No data available.
Density	: No data available
Solubility(ies)	: Soluble.
Viscosity	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Decomposition temperature	: No data available.

Note: Integers (i.e. 3 or 7) should be read in as decimals (3,0 or 7,0).

10. STABILITY AND REACTIVITY

10.1. Reactivity

Reactions with strong alkalis and oxidizing agents.

10.2. Chemical stability

The product is stable in conditions without the supply of air, or moisture.

10.3. Possibility of hazardous

Reactive with strong alkalis and oxidizing agents.

Reactions can lead to the risk of an explosion.

10.4. Conditions to avoid.

No data available.

10.5. Incompatible materials

Acids, phenol, metals, nitrile, cyanide salt, oxidizing materials, organic chemicals – combustible.

10.6. Hazardous decomposition products

No dangerous substances are released.

11. TOXICOLOGY INFORMATION

11.1. Information on toxicological effects:

11.1.1. Acute toxicity

Benzalkonium Chloride, 50% [CAS No 68424-85-1]:

LD50 Oral – rat – 240 mg/kg

LD50 Dermal – rabbit – 1420 mg/kg

Chlorhexidine Gluconate [CAS No 18472-51-0]:

LD50 Oral – rat – 2 g/kg

LD50 Oral – mouse – 1260 g/kg

11.2. Irritation/corrosion

11.2.1. Eyes: No data available.

11.2.2. Skin: No data available.

11.3. Sensitizer

11.3.1. Skin: no data available

11.3.2. Respiratory: No data available

11.4. Mutagenicity

No mutagenic effect.

11.5. Carcinogenicity

No known significant effects or critical hazards.

11.6. Reproductive toxicity

No known significant effects or critical hazards.

11.7. Specific target organ toxicity (single exposure)

Not available.

11.8. Specific target organ toxicity (repeated exposure)

Not available.

11.9. Aspiration hazard

This information is not available.

12. ECOLOGICAL INFORMATION

12.1. Toxicity

No data available.

12.2. Persistence and degradability

Easily soluble in the following materials: water, and air.

12.3. Bioaccumulative potential

Not applicable.

12.4. Mobility in soil

12.4.1. Soil/water partition coefficient (KOC): No data available.

12.4.2. Mobility: No data available.

12.5. Result of PBT and vPvB assessment

12.5.1. PBT: No

12.5.2. vPvB: No

12.6. Otheadverse effects

No known significant effects or critical hazards.

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 : Not restricted for transportation.

UN Number : -

Packaging Group : -

Propper Shipping Name : Not dangerous good.

IMDG

IMDG Class : Not restricted for transportation.

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

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

15.1. Chemical safety assessment

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

16. OTHER INFORMATION

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.