

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

Disinfectant Liquid Soap with Chlorhexidine

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

1.1. Product identifiers

Product Name : Disinfectant Liquid Soap with Chlorhexidine
Trademark : MANOHEX™ SOAP
REF No : 6163

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

Preoperative hand antisepsis in health-care personnel to inactivate microorganisms (normal and transient flora) present on the hands and forearms.

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:

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

Labeling according to Regulation (EC) No 1272/2008
No labeling is applicable.

2.3. Other hazards: None.

3. Composition/information of ingredients:

3.1. Substance:

Not applicable.

3.2. Mixture:

Component	Classification	Concentration
Chlorhexidine Gluconate CAS No: 18472-51-0 EC No: 242-354-0	Acute Tox. 4, H302 Aquatic Chronic 1, H410	>= 3,5 - < 4,5%

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

Get medical attention if symptoms occur.

In case of skin contact

Wash off with water.

In case of eye contact

Rinse immediately with plenty of water for at least 15 minutes.

If swallowed

Rinse mouth. Get medical attention if symptoms occur.

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

No data available.

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

Avoid contact with eyes.

6.2. Environmental precautions

Do not let 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

Avoid contact with eyes.

7.2. Conditions for safe storage, including any incompatibilities

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

For recommended storage temperature, see 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

This product does not contain any hazardous materials with occupational exposure limits established by the region-specific regulatory bodies.

8.2. Exposure controls

Personal protective equipment

Eye/face protection: No special protective equipment required.

Skin protection: No special protective equipment required.

Body protection: No special protective equipment required.

Respiratory protection: No special protective equipment required.

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	Red
Odor	No data available.
pH	6,0 ± 0,3
Melting point	No data available.
Boiling point	97°C (Chlorhexidine Gluconate Solution 20%)
Flash point	> 200 °F (Chlorhexidine Gluconate Solution 20%)
Evaporation rate	No data available.
Flammability	Not applicable.
Upper/lower flammability or explosive limits	No data available.
Vapor pressure	No data available.
Density	1,05 ± 0,05
Water solubility	Soluble.
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Viscosity	50-500 CPS (Chlorhexidine Gluconate Solution 4%)
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

Reactions with strong alkalis and oxidizing agents.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions will not occur under normal use conditions.

10.4. Conditions to avoid

Excess heat.

10.5. Incompatible materials

Keep away from sulfates, borates, bicarbonates, and chlorides, strong oxidizing agents.

10.6. Hazardous decomposition products

None under normal processing.

11. Toxicological information:

11.1. Information on toxicological effects

Acute toxicity

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

LD50 Oral – rat – 2 g/kg

LD50 Oral – mouse – 1260 g/kg

Skin corrosion/irritation

No evidence of skin corrosion/irritation.

Serious eye damage/eye irritation

No evidence of eye damage/irritation.

Respiratory or skin sensitization

Not classified.

Carcinogenicity

IARC: No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC.

Reproductive Toxicity

Not classified.

Specific target organ toxicity – single exposure

Not classified.

Specific target organ toxicity – repeated exposure

Not classified.

Aspiration hazard

Not classified.

11.2. Additional information

No data available.

12. Ecological information:

12.1. Toxicity

No data available.

12.2. Persistence and degradability

Easily soluble in the following materials: water, air.

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	: 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 ICAO/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:

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

- H302 Harmful if swallowed.
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
IATA International Air Transport Association
ICAO International Civil Aviation Organization
IMDG International Maritime Dangerous Good
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.