

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

Quick Surface Disinfectant; Alcohol Based

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

1.1. Product identifiers

Product Name	: Quick Surface Disinfectant; Alcohol Based
Trademark	: GBL® SURFACTO™ EP-60+
Product REF No	: 6019

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

Surface disinfectant.

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

Flammable liquids, Category 2; H225

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

2.2. Label Elements

Labeling according to Regulation (EC) No 1272/2008

Pictogram



Signal word	: Danger
Hazard statement(s)	: H225: Highly flammable liquid and vapor.
Precautionary statement(s)	: P210: Keep away from heat/sparks/open flames/hot surfaces. No smoking P233: Keep the container tightly closed. P303+P361+P353: IF ON SKIN (or hair): Remove/Take off Immediately all contaminated clothing. Rinse SKIN with water/shower. P403+P235: Store in a well-ventilated place. Keep cool.
Supplemental Hazard Statements	: None.

2.3. Other hazards: None.

3. Composition/information of ingredients:

3.1. Substance:

Not applicable.

3.2. Mixture:

Component	Classification	Concentration
Ethanol Denatured, %96 CAS No: 64-17-5 EC No: 200-578-6	Flam. Liq. 2; H225	$\geq 40 - < 50$ %
2-Propanol CAS No: 67-63-0 EC No: 200-661-7	Flam Liq. 2; H225 Eye Irrit. 2; H319 STOS SE 3; H336	$\geq 10 - < 15$ %
Didecyldimethylammonium chloride CAS No: 68424-95-3	Acute Tox. 4, H302 Skin Corr. 1B, H314	$\geq 0 - < 0,1$ %
Benzalkonium Chloride CAS No: 68424-85-1	Acute Tox. 4, H302 Acute Tox. 4, H312 Skin Corr. 1B, H314 Acute Tox. 4, H332	$\geq 0 - < 0,1$ %
Benzotriazole CAS No: 95-14-7 EC No: 202-394-1	Acute Tox. 4, H302 Eye Irrit. 2, H319 Aquatic Chronic 2, H411	$\geq 0 - < 0,5$ %
Chlorhexidine Gluconate, 20% CAS No: 18472-51-0 EC No: 242-354-0	Acute Tox. 4, H302 Aquatic Chronic 1, H410	$\geq 0 - < 1$ %

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. If irritation occurs or persists, consult a doctor/medical service.

In case of skin contact

Wash immediately with lots of water. Soap may be used. Do not apply (chemical) neutralizing agents.

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.

The mouth should be rinsed with plenty of water and if the patient is conscious, plenty of water should be given to the person. The patient should not be vomited. Seek medical assistance immediately.

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

Foam and dry powder.

Unsuitable extinguishing media

Water jet and water spray.

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

Use personal protective equipment. Avoid breathing vapors, mist, or gas.

Self-contained breathing apparatus.

Chemical protection suit if the risk of personal contact.

Consider wearing standard firefighting clothing underneath the suit.

6.2. Environmental precautions

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

6.3. Methods and materials for containment and cleaning up.

Stop leaks if possible.

Contain spillage by any means available.

Check explosive limits.

Use low-sparking hand tools and intrinsically safe equipment.

Absorb liquid in sand or earth or any other suitable material or cover with foam.

If the substance has entered a watercourse or sewer, inform the responsible authority.

Ventilate sewers and basements where there is no risk to personnel or the public.

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. Keep away from sources of ignition - No smoking. Take measures to prevent the buildup of electrostatic charge. For precautions see section 2.2.

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. Smoking, eating, and drinking should be prohibited in the environment. Store the substance/preparation in its original container. Keep away from flammable materials, heat, and ignitors.

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

Ethanol, %96 [CAS No: 64-17-5]:

NIOSH REL: TWA 1000 ppm (1900 mg/m³)

OSHA PEL: TWA 1000 ppm (1900 mg/m³)

2-Propanol [CAS No: 67-63-0]:

OSHA PEL: TWA 400 ppm (980 mg/m³)

NIOSH REL: TWA 400 ppm (980 mg/m³)

NIOSH REL: STEL 500 ppm (1225 mg/m³)

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	Colorless.
Odor	Odorless
Odor threshold	No data available.
pH	7,0±0,4
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.
Vapor pressure	No data available.
Vapor density	No data available.

Density	0,87±0,03
Water solubility	No data available.
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

Heat, flames, and sparks.

10.4. Conditions to avoid.

Open flame. Overheating.

10.5. Incompatible materials

Oxidizing agents, acids.

10.6. Hazardous decomposition products

No data available.

11. Toxicological information:

11.1. Information on toxicological effects

Acute toxicity

Ethanol, 96% [CAS No 64-17-5]:

LD50 intraperitoneal – mouse – 528 mg/kg

LD50 Oral – mouse – 3.450 mg/kg

LD50 Oral – rabbit – 6.300 mg/kg

LD50 Oral – rat – 7.060 mg/kg

2-Propanol [CAS No: 67-63-0]:

LD50 Oral – rat – 5840 mg/kg

LD50 intraperitoneal – mouse – 933 mg/kg

LD50 Skin – rabbit – 13 g/kg

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

LD50 Oral – rat – 2 g/kg

LD50 Oral – mouse – 1260 g/kg

Skin corrosion/irritation

No data available.

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**

Ethanol, %96 [CAS No: 64-17-5]:

LC50/96 h Fish: 3169.759 mg/L

LC50/48 h Daphnid: 1476.944 mg/L

EC50/96 h Green Alga: 485.795 mg/L

LC50/96 h Mysid: 12488.207 mg/L

2-Propanol [CAS No: 67-63-0]:

LC50/96 h Fish: 1743.475 mg/L

LC50/48 h Daphnid: 844.305 mg/L

EC50/96 h Green Alga: 325.707 mg/L

12.2. Persistence and degradability

This product is readily biodegradable.

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 : 3

UN Number : 1993

Packaging Group : II

Proper Shipping Name : FLAMMABLE LIQUIDS, N.O.S. (ETHYL ALCOHOL, 2-PROPANOL)

Label	: 3
IMDG	
IMDG Class	: 3
UN Number	: 1993
Packaging Group	: II
Propper Shipping Name	: FLAMMABLE LIQUIDS, N.O.S. (ETHYL ALCOHOL, 2-PROPANOL)
EmS	: F-E; S-E
ICAO/IATA	
ICAO/IATA Class	: 3
UN Number	: 1993
Packaging Group	: II
Propper Shipping Name	: FLAMMABLE LIQUIDS, N.O.S. (ETHYL ALCOHOL, 2-PROPANOL)

15. Regulatory information

15.1. Safety, health, and environmental regulations/legislation specific to 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.

H225	Highly flammable liquid and vapor.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled
H336	May cause drowsiness or dizziness.
H410	Very toxic to aquatic life with long-lasting effects.
H411	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
EmS	Emergency Schedule
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
NIOSH	National Institute for Occupational Safety and Health
OSHA	Occupational Safety and Health Administration
PBT	Persistent, Bioaccumulative and Toxic

PEL	Permissible exposure limit
REL	Recommended exposure limit
RID	International Carriage of Dangerous Goods by Rail
STEL	Short-term exposure limit
TWA	Time-weighted average
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.