

MATERIAL SAFETY DATA SHEET

The document has been prepared and the Chemicals classified as hazardous in accordance With the regulation (EC) No 1272/2008 on the classification, labelling and packaging of substances and mixtures (CLP)

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

1.1 Identification of the substance or preparation

Product name UNIFRESH ANTIBACTERIAL GEL

1.2 Use of the substance / preparation

Product type and use ANTIBACTERIAL GEL

1.3 Company identification

GOLF KİMYA SAN.veTİC.LTD.ŞTİ.

Gökevler Mah.2312 Sk.Ginza Corner Plaza Kat:5 No:60 Esenyurt-İstanbul

Production Plant: GOLF KİMYA SAN.veTİC.LTD.ŞTİ.

Velimeşe Org.San.Böl. İstasyon Mah.Baraj Yolu Mevkii No:12/1 Ergene-Tekirdağ

1.4 Emergency telephone

For urgent inquiries refer to : +90 212 659 80 76

2. COMPOSITION / INFORMATION ON INGREDIENTS

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Flam liq. 2, H225

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

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008



Pictogram

Signal Word DANGER

Hazard statement(s)

H225 Highly flammable liquid and vapour

Precautionary statement(s)

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P210 Keep away from heat/sparks/open flames/hot Surfaces. - No smoking
 P233 Keep container tightly closed.
 P240 Ground/bond container and receiving equipment.
 P241 use explosion-proof electrical/ventilating/lighting/equipment.
 P242 use only non-sparking tools.
 P243 Take precautionary measures against static discharge.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P370+P378 In case of fire Evacuate area.
 P403+P235 store in a well-ventilated place. Keep cool
 P501 Dispose of contents/container to the regulations

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

3. HAZARDS IDENTIFICATION

Ingredients: Aqua, Ethanol, Glycerin, Parfum, carbomef, Triethanolamine, cl 42090, cl 19140

PRODUCT	CAS NO	EC NO	CONC.	SINIF[11/12/2013-28848]
Ethanol	64 - 17 - 5	200 - 578 - 6	65 - 70	Flam liq. 2, H225

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

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

No data available

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

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If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed

No data available

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Water spray jet, Foam, Carbon dioxide (CO₂), Dry powder

Unsuitable extinguishing media

No data available

5.2 Special hazards arising from the substance or mixture

Carbon monoxides

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

Protective equipment and precautions for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information

Keep containers and surroundings cool with water spray. Do not use a solid water stream as it may scatter and spread fire. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

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6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	: Wear suitable protective equipment.
Environmental precautions	: Do not allow material to contaminate ground water system.
Methods and materials for containment and cleaning up	: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Flush with water.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid formation of dust and aerosols.

Provide appropriate exhaust ventilation at places where dust is formed.

For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Storage class (TRGS 510): Non Combustible Solids

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

8.2 Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

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Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Full contact

Material: Nitrile rubber

Minimum layer thickness: 0.4 mm

Break through time: 480 min

Material tested: Camatril® (KCL 730 / Aldrich Z677442, Size M)

Splash contact

Material: Nitrile rubber

Minimum layer thickness: 0.2 mm

Break through time: 49 min

Material tested: Dermatril® P (KCL 743 / Aldrich Z677388, Size M)

data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de,

test method: EN374

If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Body Protection

Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering protection, use a full-face supplied air

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respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Do not let product enter drains.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Clear Viscous Liquid
Color	Colorless liquid
Smell	Alcohol
Threshold of Smell	No information
pH Value	6 -8
Melting point / freezing point	No information
Initial boiling point and boiling range	78,3 C
Flash point	25 C
Evaporation rate	No information
Flammability (solid, gas)	No information
Vapor pressure	59 hPa (20C)
Vapor density	No information
Relative density	0,80 - 1.00 g/cm ³
Resolution	Dissolve in cold water at every rate
Distribution Coefficient (n-octanol / water)	No information
Flammability temperature	No information
Decomposition temperature	No information
Viscosity	min. 5000 cPs
Explosive properties	No explosive properties
Oxidizing properties	No information

9.2 Other informations

Can be mixed with ionic suitable products

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10. STABILITY AND REACTIVITY

10.1 Reactivity

No decomposition if stored and applied as directed

10.2 Chemical stability

Stable

10.3 Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid

May form peroxides of unknown stability.

10.5 Materials to avoid

Stro Can react with strong oxidizers, inorganic acids, and halogens.

10.6 Hazardous decomposition products

Stable under recommended storage conditions. No decomposition if used as directed

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

No Data Available

Dermal toxicity

No Data Available

Oral toxicity

No Data Available

Germ cell mutagenicity

No data available

Carcinogenicity

IARC: No component 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

No data available

Specific target organ toxicity - single exposure

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No data available

Specific target organ toxicity - repeated exposure

No data available

Aspiration hazard

No data available

Swallowed: Ingestion of large quantities may cause irritation to the digestive tract, nausea, vomiting or diarrhea

Eye Contact: Causes serious eye damage

Skin: Repeated exposure may cause drying, redness, itching and irritation.

Inhaled: Inhalation of vapour or mist may cause irritation of the nose, throat and respiratory system.

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity

No Data Available

Toxicity to aquatic invertebrates No Data Available

Toxicity to algae No Data Available

12.2 Persistence and degradability

Readily biodegradable

Product will biodegrade rapidly in the environment especially under waste treatment plant conditions

12.3 Bioaccumulative potential

Does not bioaccumulate.

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

No data available

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13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chem scrubber.

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Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION

14.1. UN Number: ADG, IMDG, IATA UN1170

14.2. Proper shipping Name:

ADG 1170 ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
IMDG ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
IATA ETHANOL SOLUTION

14.3. Dangerous Goods Class ADG class: 3 (F1) Flammable liquids.

IMDG Class: 3 Flammable liquids.

14.4. Packing Group: ADG, IMDG, IATA III

Special Provisions: 144,601

Limited Quantities: 5L

Packagings & IBC - Packing Instruction: P001, IBC03, LP01, R001

Portable Tanks & Bulk containers - Instructions: T2

Portable Tank & Bulk containers – Special TP 1

Tinner restriction code: 3 (D/E)

NOTE: IATA/ICAO FINISHES PRODUCT CAN ALSO BE SHIPPED AS ID8000 CONSUMER COMMODITY CLASS 9

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15. REGULATORY INFORMATION

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

This safety datasheet 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

National Legislation

- T. C. Regulation on the Classification, Labeling and Packaging of Substances and Mixtures No. 28848, dated 11 December 2013, by the Ministry of Environment and Urbanization.
- T. C. Regulation on Health and Safety Measures in Works with Chemical Substances, No. 28733, dated August 12, 2013, by the Ministry of Labor and Social Security.
- T. C. Regulation on the Use of Personal Protective Equipment at Workplaces No. 28695 dated July 2, 2013, by the Ministry of Labor and Social Security.
- T. C. Ministry of Labor and Social Security, Law No. 6331 dated June 30, 2012, Occupational Health and Safety Law.
- T. C. Ministry of Environment and Forestry, Regulation on Control of Hazardous Wastes No. 25755 dated March 14, 2005.

16. OTHER INFORMATION

Hazard statements

Classification according to Regulation (EC) No 1272/2008

Flam liq. 2, H225

H225 Highly flammable liquid and vapour

Key information source used in the safety data sheet

The raw material MSDSs and national/international regulations are taken into consideration while preparing the document.

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Preparing and Revision Information

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General Using Information

All rights reserved. This MSDS summarises at date of issue our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. **GOLF KİMYA SAN.veTİC.LTD.ŞTİ.** cannot anticipate or control the conditions under which the product may be used, prior to usage each user must review this MSDS in the context of how the product will be handled and used in the workplace. **GOLF KİMYA SAN.veTİC.LTD.ŞTİ.** will not be responsible for any damage caused by the use of the product otherwise than in accordance with the directions and information contained in this document. If clarification or further information is required to ensure that an appropriate risk assessment can be made, the user should contact **GOLF KİMYA SAN.veTİC.LTD.ŞTİ.** and Ask for Technical Manager. Safety Data Sheets are updated regularly. Please ensure that you have a current copy. † Trademark used under licence.