Prepared According to Regulation About Preparation of Safety Data Sheet for Hazardous Substance and Mixtures (Official Gazette No. 13.12.2014- 29204)



# ONEHAND ALCOHOL BASED HAND AND SKIN ANTISEPTIC GEL

Date of Issue: 10.12.2018

Revision Date: -Version No:-

MSDS No:ZD.GBF:450

# 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKIN

INFORMATIONS ABOUT THE PRODUCT: Disinfectant
 PRODUCT NAME: ONEHAND ALCOHOL BASED HAND AND SKIN ANTISEPTIC GEL

NAME AND ADDRESS OF MANUFACTURER

COMPANY NAME: KAF GRUP SAĞLIK HİZMETLERİ

ADDRESS: Atakent Mah. 221 Sk. No:3/A Rota Office A Blok Kat:14 D:82-83

K.ÇEKMECE / İSTANBUL

TEL: +90 212 213 21 65 / +90 212 471 4 200

FAX: 90 312 212 67 03 E-mail: info@ kafgrup.com Web: www.kafgrup.com

WHO GAVE INFORMATION ABOUT SECURITY: Ceyhun KURUÇ

• EMERGENCY TELEPHONE NUMBER: In case of poisoning, call the

National Poison Information Centre (UZEM) number 114. .

**EMERGENCY FIRST AID CENTRE:112** 

FIRE DEPARTMENT:110

### 2. HAZARDS IDENTIFICATION

### 2.1 Physical Hazards::

No physical hazards of the mixture.

#### Health Hazards:

Causes serious eye damage.

#### **Environmental Hazards:**

This Safety Data Sheet has been prepared in accordance with the information given by the manufacturer. p.1/15

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Harmful to aquatic life with long-lasting effects.

#### 2.2 Label Elements:

According to SEA Regulation;

### **Hazard Pictograms:**



GHS07

Signal Word: Warning

#### **Hazard Statements:**

H319: Causes serious eye irritation.

H412: Harmful to aquatic life with long-lasting effects.

# **Precautionary Statements:**

P264: Wash with water and soap thoroughly after handling.

P273: Avoid release to the environment.

P280: Wear eye protection/face protection.

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easy to do. Continue rinsing.

P337 + P313: If eye irritation persists: Get medical advice/attention

P501: Dispose of contents and container in accordance with local regulations.

**Additional Warnings:** The relevant risk safety phrases togerther with hazard and precautionary statements are given in section 16.

\* Regulation About Preparation of Safety Data Sheet for Hazardous Substance and Mixtures (Official Gazette No. 13.12.2014- 29204)

Zevrep DILEK Sertifiker)b: 01.85.05

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# 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical Definition:** Mixture

• Dangerous Substances It Contains:

Substance or Compound	EC NO	CAS NO	Content %	Classification (SEA Regulations)
D-gluconic acid, compound with N,N"-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediamidine (2:1)	242-354-0	18472-51-0	<2	Eye Dam.1 H318 Aquatic Acute 1 H400 Aquatic Chronic 1 H410 M=1 (Chonic) M=10 (Acute)
ethanol	200-578-6	64-17-5	<70	Flam. Liquid 2 H225
Propan-2-ol	200-661-7	67-63-0	≤10	Flam. Liquid 2 H225 Eye Dam.2 H319 BHOT Single Exp. 3 H336
Glycerides, mixed decanoyl and octanoyl mono-, di- and tri-, ethoxylated	-	361459-38-3	<1	Eye Dam. 1 H318
Other dangerless content	•	-	Completes to 100	-

\* Has Assessed within the framework of the Regulation About Preparation of Safety Data
Sheet for Hazardous Substance and Mixtures (13.12.2014- 29204 Official Gazette) and EU directives 67/548/EEC or 1999/45/EC.

Note: The full text of the H-codes is given in Section 16.

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# 4. FIRST AID MEASURES

**General recommendation:** If symptoms persist, contact a doctor. Show this safety data sheet when you contact your doctor.

**Inhalation:** Immediately remove affected person to fresh air. Rinse nose and mouth with water. If any discomfort continues, consult a doctor.

**Ingestion:** Do not induce vomiting. Never give anything by mouth to an unconscious person. Contact a doctor and get medical attention immediately.

**Skin contact:** Immediately flush with water and soap. Wash contaminated clothing before reuse. If any discomfort continues, consult a doctor.

**Eye contact:** Remove any contact lenses before washing. Eyelids should be held away from the eyeball to ensure thorough rinsing. Contact a health professional by continuing to rinse for at least 15 minutes.

Antidote: Apply symptomatic treatment.

## 5. FIRE - FIGHTING MEASURES

#### 5.1 Extinguishing Media

Suitable Extinguishing Media: Suitable ones for materials in the environment; water spray, fine spray, foam, dry chemical powder or foam, fire extinguishers with carbon dioxide.

Unsuitable Extinguishing Media: No data.

**5.2 Special Hazards Arising from the Substance or Mixture:** In case of fire, toxic gases may occur. Carbon oxides (COx), Nitrogen oxides (NOx), Sulfur oxides (SOx).

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# 5.3 Protective Equipment for Fire Fighting Teams

During firefighting personnel should wear breathing apparatus and chemical protective clothing. Remove personnel to a safe area. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Get the wing behind you. Cool undamaged packages by spraying water. Avoid polluting the environment by using excess fire extinguisher. Firefighting residues should not be allowed to reach sewers, water pipes, surface and ground water. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

# 6. ACCIDENTAL RELEASE MEASURE

#### 6.1 Personal Precautions

Wear appropriate protective clothing and gloves. In case of skin contact, wash immediately. Use personal protective equipment. Make sure you have good ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Redirect personnel to a safe area.

#### 6.2 Environmental Precautions

Prevent entry to sewers, surface or ground water. In case of entering into public waters or sewer system, inform competent authorities. If there is no security hazard, prevent further leakage and spillage.

#### 6.3 Methods and Material for Containment and Cleaning Up

Provide adequate ventilation. Absorb the liquid portions with liquid-binding material. Dispose the collected material in accordance with regulations.

### 6.4 Reference To Other Sections

See Section 8, for personal protection. Information on dispose of, see Section 13.

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### 7. HANDLING AND STORAGE

# 7.1 Handling

# Precautions For Safe Handling the Substance:

Read the instruction manual carefully before using. Pregnant and nursing mothers or persons under any treatment and children under 12 years of age should consult a doctor and / or pharmacist before use. Do not purchase the torn packages. You can use the product until the expiration date on the packaging. Use in children and people with sensitive skin should be followed. It should not be used in individuals known to be hypersensitive to any of the contained substances.

#### **Technical Precautions for Protection of Environment:**

Prevent entry to sewers, surface or ground water. In case of entering into public waters or sewer system, inform competent authorities. Make sure the environment is well ventilated. Keep away from sources of ignition and heat. Keep fire fighting equipment ready.

### 7.2 Conditions for Safe Storage, Including any Incompatibilities:

Keep material away from high temperatures, light and open flames. Protect from freezing. Store in a cool, dry place that has minimal risk of damage. Keep material packaging closed when not in use.

#### 7.3 Specific End Use(s)

The product should be used accordance with the instruction manuel.

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# 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control Parameters

ETHANOL; ETHYL ALCOHOL - CAS: 64-17-5 EU - LTE(8h): 1920 mg/m3, 1000 ppm - Notes: WEL

ACGIH, 1000 ppm - Notes: A3 - URT irr

# 8.2 Exposure Controls

ETHANOL: ETHYL ALCOHOL - CAS: 64-17-5

**DNEL Exposure Limit values:** 

**Exposure- Human Dermal** 

Industry: 343 mg/kg

Exposure - Human Inhalation (short term)

Industry: 1900 mg/m3

Exposure - Human Inhalation (long term)

Industry: 1950 mg/m3

**PNEC Exposure Limit values:** 

No data.

# 8.2.1 Technical Measures

Equipment and appropriate protection methods to be used, where personal protection is required, are defined in accordance with "Personal Protective Equipment Regulation" numbered 25368 dated 9.2.2004. When used personal protective equipment in accordance with relevant regulations, ensure that there is good and adequate ventilation (especially in confined areas).

# 8.2.2 Personal Protective Equipment

When using this product refer to the label for details. In all other cases, use the following Personal Protection Equipment.

**Respiratory Protection:** No special precautions required. In case of discomfort, seek medical advice immediately.

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Eye / Face Protection: No special precautions required. In case of discomfort, wash your face with plenty of water and seek medical advice.

**Skin Protection:** Recommended to wear protective clothing, and boots that made of non-slip material during production.

**Hand Protection:** Does not require special measure. In case of discomfort, seek medical advice immediately.

Thermal Detriments: No data.

### 8.2.3 Environmental Exposure Controls

Work compatibly with the instructions to prevent the effects on humans and the environment.

# 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemic	eal Properties		
Appearance	Gel		
Odour	Charecteristic. Perfume Fragnance		
Colour	Colourless, transparent		
9.2 Other Informations			
Density	0,95 -1,05 gr /cm3 (20° C)		
Flash Point	No data		
<b>Boiling Point</b>	No data		
<b>Explotion Danger</b>	No data		
Viscosity	No data		
Solubility (in Water / Alcohol / Oil)	Soluable		
Vapor Pressure	No data		

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Partition Coefficient ( n-octanol/water)	No data
pH value	5.0-7.0
Melting Point	No data
Flammability	No data

### 10. STABILITY AND REACTIVITY

- **10.1 Reactivity:** There is no hazardous reaction when stored and handled according to regulations.
- **10.2** Chemical Stability: Stable under normal temperature conditions and recommended use conditions. Stable under foreseen storage conditions.
- 10.3 Possibility of hazardous reactions: No data.
- 10.4 Conditions to avoid: No data.
- 10.5 Incompatible materials: Strong alkalis and strong oxidizing agents.
- 10.6 Hazardous Decomposition Products: No data.

# 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects:

### Acute toxicity

Material	LD50 Oral Values	LD50 dermal	LC 50 Inhalation (4
vuollis serassa ja se ja a			hours)
D-gluconic acid, compound	> 3000 mg/kg (rat - female)	> 5000 mg/kg	-
with N,N"-bis(4-	A		
chlorophenyl)-3,12-diimino-	· ·		
2,4,11,13-	to The Visit		
tetraazatetradecanediamidine			
(2:1)			

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dose)		
4400 mg/kg	12900 mg/kg (rat)	17100 mg/kg
		4400 mg/kg 12900 mg/kg

- Eye Irritation: Irritates the eyes, and itches.
- Skin Irritation: Causes moderate irritation (Rabbit, 500 mg/24 hours).

Sensitizing Effect: Not classified as sensitizer.

**Respiratory Or Skin Sensitisation:** Does not meet classification criteria based on available data.

Informations on the potential impacts of the following groups:

- Toxicity of repetitive takings / Repeated Toxicity: No further relevant information available.
- CMR-effects (cancer-producing, heredity modifying and reproductive-threatening effect)
- Germ Cell Mutagenicity: Based on the available data, does not meet the criteria for classification.
- Carcinogenicity: Based on the available data, does not meet the criteria for classification.
- Reproductive Toxicity: Based on the available data, does not meet the criteria for classification.
- Specific Target Organ Toxicity Single Exposure

Based on the available data, does not meet the criteria for classification.

Specific Target Organ Toxicity - Repeated Exposure

Based on the available data, does not meet the criteria for classification.

### 12. ECOLOGICAL INFORMATION

#### 12.1 Ecotoxicity:

D-gluconic acid, compound with N.N"-bis(4-chlorophenyl)-3,12-diimino-2,4.11.13-tetraazatetradecanediamidine (2:1)

Species	Time Criteria	Last Value	Toxicity

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Fish	96 hours	LC50	2.08 mg/L
(Danio rerio)			
Invertebrate Animal (Daphnia magna)	48 hours	EC50	0.05 - 0.1 mg/L
Algae (Monoraphidium griffithii)	10 days	IC50	0.52 mg/L

#### ethanol; ethyl alcohol

Species	Time Criteria	Last Value	Toxicity
Fish	4 days	LC50	> 100 mg/L
(Pimephales			
promelas)	d. was		
Invertebrate Animal	1 days	EC50	251.07 mmol/L
(Daphnia pulex)	i v sv		
Algae	96 hours	NOEC	> 1.58 g/L
(Scenedesmus sp.)	Le i su su		

- **12.2 Persistence and degradability:** Short-term hazardous degradation products are not available. The product itself and its degradation products are not toxic.
- 12.3 Bioaccumulative Potential: No bioaccumulative potential.
- **12.4 Mobility in soil:** No information available.
- 12.5 Results of PBT and vPvB assessment: No information available.
- 12.6 Other adverse effects: Not available.

### 13. DISPOSAL CONSIDERATIONS

# 13.1 Waste treatment methods:

Waste identification numbers / waste descriptions should be collected with local regulations, in a specific way for each industry class and process, in accordance with the regulation on the general principles of proper disposal / product waste management and the control of hazardous wastes.

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WASTE MANAGEMENT REGULATION published in the Official Gazette dated 02.04.2015 and numbered 29314 by Ministry of Environment and Urbanization;

06 13 01\* Inorganic plant protection products, wood protection products and other biocides

# 14. TRANSPORT INFORMATION

#### **ADR**

- 14.1 UN Number: UN 3077
- **14.2 UN Proper Shipping Name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1,6-Bis(N-p-chlorophenyl-biguanido) hexane digluconate)
- 14.3 Tranport Hazard Class(es): 9
- 14.4 Packing Group: III

#### **IMDG**

- 14.5 UN Number: UN 3077
- **14.6 UN Proper Shipping Name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1,6-Bis(N-p-chlorophenyl-biguanido) hexane digluconate)
- 14.7 Transport Hazard Class(es): 9
- 14.8 Packing Group: III

#### ICAO/IATA

14 441 4 4 1

- **14.9 UN Number:** UN 3077
- **14.10 UN Proper Shipping Name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1,6-Bis(N-p-chlorophenyl-biguanido) hexane digluconate)
- 14.11 Transport Hazard Class(es): 9
- 14.12 Packing Group: III
- 14.13 Environmental Hazards: No data.
- 14.14 Special Precautions For The User: No data.

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14.15 Transport in bulk according to Annex II of MARPOL 73/78 and IBC code: No data.

### 15. REGULATORY INFORMATION

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

The product is classified and labeled according to the procedures and principles set out in "Regulation About Preparation of Safety Data Sheet for Hazardous Substance and Mixture (13.12.2014 – 29204 Official Gazette) and EU directives.

#### **16. OTHER INFORMATION**

16.1. The person who prepared / edited / published the Safety Data Sheet

Name and Surname: Zeynep DİLEK

Contact Informations: zeynep-dilek@outlook.com

Document No: 01.85.05 – NBC Certificated Safety Data Sheet Preparer

16.2. Preparation and Revision

Information

**Date of Issue:** 10.12.2018

Version No: First preparation

**Revision Date:** First preparation

16.3. Abbreviations:

ADR: "European Agreement Concerning the International Carriage of Dangerous Goods by Road

CAS: Chemical Abstracts Service Number

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EC No: European inventory number of chemicals

EC50: Concentration that has a negative effect on 50% of experimental organisms.

IATA: International Air Transport Association

ICAO: The International Civil Aviation Organization

IMDG: International Maritime of Dangerous Goods

LC50: Concentration that causes the death of 50% (one half) of a group of living things

LD50: The dose that kills 50% of living things in an experimental group.

REACH: The registration, evaluation, authorisation and restriction of chemicals.

SEA: Regulation on Classification, Labeling and Packaging of Substances and Mixtures

published on 11.12.2013 - 28848

#### 16.4. Other Information

# Full text of H-phrases as mentioned in section 3:

H302: Harmful if swallowed.

H318: Causes serious eye damage.

H400: Very toxic to aqutic life.

H410: Very toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

H225: Highly flammable liquid and vapour.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

### **Knowledge sources:**

- ✓ The key information sources used in the organizing of this safety data sheet are as follows.
- ✓ Data sheets for raw materials and product components
- Regulations and annexes on the preparation and distribution of safety at sheets for dangerous goods and preparations
- ✓ "Regulation About Preparation of Safety Data Sheet for Hazardous Substance and Mixture (Official Gazette No 13.12.2014 29204) and Annexes
- ✓ UN ADR, IMDG, IATA LISTS
- ✓ ECHA and related EU directives, IUCLID (INTERNATIONAL UNIFORM CHEMICAL INFORMATION DATABASE), HSDB (HAZARDOUS SUBSTANCES DATA BANK)

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- ✓ Ministry of Environment and Urbanization, Waste Management Regulation dated 02.04.2015 and numbered 29314
- ✓ "Regulation on Personal Protective Equipment" numbered 25368 and dated 09.02.2004 <a href="http://echa.europa.eu/">http://echa.europa.eu/</a>
- ✓ <a href="http://www.unece.org/fileadmin/DAM/trans/danger/publi/unrec/English/part3.pdf">http://www.unece.org/fileadmin/DAM/trans/danger/publi/unrec/English/part3.pdf</a>
- ✓ <a href="http://dissemination.echa.europa.eu/Biocides/ActiveSubstances/1355-01/1355-01\_Assessment\_Report.pdf">http://dissemination.echa.europa.eu/Biocides/ActiveSubstances/1355-01/1355-01\_Assessment\_Report.pdf</a>

This document has been prepared by the manufacturer using MSDS safety data sheets and is issued by expert personnel certified by NBC, as required by the relevant regulations.

#### Other Information

Use and application information have been given in the technical prospectus of the product . The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. Neverthless, no guarantees or declaring can be made for its accuracy, reliability and completeness. This Safety Data Sheet, prepared for ONEHAND ALCOHOL BASED HAND AND SKIN ANTISEPTIC GEL product, has been prepared on behalf of KAF GRUP SAĞLIK HİZMETLERİ.

This Safety Data Sheet has been prepared in accordance with the information given by the manufacturer. p.15 / 15

