

<b>KAF GRUP</b> SAĞLIK HİZMETLERİ	<b>SAFETY DATA SHEET</b>	
	<i>Prepared in accordance with the Official Gazette No. 29204 dated 13.12.2014 "Regulation on Safety Data Sheets Concerning Harmful Substances and Mixtures" and (EU) No 1272/2008 CLP</i>	
<b>WANCARE ONESPRAY WIPES Alcohol Based Fast Acting Disinfectant/Wipes for Medical Devices</b>		

**Preparation Date:** 10.06.2019 **File number:** TD.04.121-02  
**Revision date:** 17.04.2023 **Revision Number:** 02

## 1. DESCRIPTION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/BUSINESS OWNER

### 1.1 Information about the Article

#### Trade Name:

WANCARE ONESPRAY WIPES Alcohol Based Fast Acting Disinfectant/Wipes for Medical Devices

### 1.2 Use of the substance/preparation

Alcohol Based Fast Acting Disinfectant/Wipes for Medical Devices

### 1.3 Introduction of the Company/Business Owner

#### 1.3.1 Manufacturer Company

**Company Name:** KAF GRUP SAĞLIK HİZMETLERİ İNŞAAT SANAYİ VE TİC. LTD. ŞTİ.  
**CentreAddress:** Atakent Mah. 221. Sk No:3A Rota Office A Block Floor:14 D:82-83  
Kucukcekmece/ISTANBUL  
**Factory Address:** Bardakçı Mah. Teknokent St. No:3 Tuşba/VAN  
**Telephone:** +90 212 471 42 00  
**Fax:** +90 212 471 42 01  
**Web address:** www.kafgrup.com  
**Email:** info@kafgrup.com

#### 1.4 Providing Information About the Safety Data Sheet

KAF GRUP SAĞLIK HİZMETLERİ İNŞAAT SANAYİ VE TİC. LTD. ŞTİ.  
+90 212 471 42 00

#### 1.5 Consultation in Emergency Situations

**Company Emergency Consultation:**0212 471 42 00  
**Emergency First Aid Center:**112  
**National Poison Information Center:**114  
**Fire Department :**110



## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of Substance or Mixture

Hazard classes and category codes according to EC 1272/2008 (CLP):  
Flame. Liquid 2; H225  
Eye Taht. 2; H319

### 2.2 Label Elements

#### Special marking of certain mixtures

Labeling according to EC 1272/2008 (CLP); This product is classified and labeled according to the CLP regulation.

#### 2.2.1.1 Hazard pictograms




**Word of Warning:** Danger

#### 2.2.1.2 Hazard statements

H225: Highly flammable liquid and vapour.  
H319: Causes serious eye irritation.

#### 2.2.1.3 Precautionary statements

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P210: Keep away from heat/sparks/flames/hot surfaces. - No smoking.  
P233: Keep container tightly closed.  
P240: Ground/bond the container and receiving equipment.  
P241: Use explosion-proof electrical/ventilation/ignition/.../material.  
P242: Use only non-flammable tools.  
P243: Take preventive measures against static discharge.  
P303+P361+P353: IF ON SKIN (or hair): Immediately remove/take off all contaminated clothing. Rinse your skin with water/shower.  
P370+P378: In case of fire: Use powder or foam extinguishers to extinguish.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if worn and easy to do. Continue rinsing.  
P403+P235: Store in a well-ventilated area. Keep it cold.  
P501: Dispose of contents/container in accordance with local regulations for hazardous waste.

### 2.3 Other hazards

This product does not contain any substances considered PBT or vPvB.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Not applicable.

### 3.2 Mixtures

Substance name	% v/v	EC Number	CAS No	Classification
Ethanol	25% - 35%	200-578-6	64-17-5	Flame Liquid 2 - H225
isopropanol	5% - 15%	200-661-7	67-63-0	Flame.Liquid 2 ; H225 Eye Taht. 2; H319 STOT Disposable. 3; H336
Didecylmethylpoly(oxyethyl) ammonium propionate	0.1% - 1.0%	619-057-3	94667-33-1	Akut Tok 4. ; H302 Skin Corrosion. 1B; H314 Aquatic Acute 1 ; H400 Aquatic Chronic 1; H412

\*For the full text of the H claims made above, see Section 16.

### About the organization

Active ingredient; Ethanol (CAS No: 64-17-5), Isopropanol (CAS No: 67-63-0) and Didecylmethylpoly(oxyethyl) Contains ammonium propionate (CAS No: 94667-33-1).

## 4. FIRST AID MEASURES

### 4.1 Definitions of First Aid Measures


Remove exposed person to fresh air immediately. If any discomfort persists, consult a doctor.

#### Breathing

Remove exposed person to fresh air immediately. Provide rest, warmth and fresh air.  
In case of difficulty breathing, oxygen can be given to the exposed person by properly trained personnel.  
If any discomfort persists, consult a doctor.

#### Swallowing

If swallowed, rinse the patient's mouth with plenty of water and consult a doctor.  
DO NOT make the patient vomit unless told to do so by the doctor.

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Never give anything by mouth to an unconscious patient. Get medical support.

**Skin Contact**

Wash the skin with plenty of water.

**Contact with Eyes**

Avoid direct contact with eyes. In case of contact with eyes, if there are contact lenses in the eye, rinse with plenty of water with the upper and lower eyelids open after removing the lenses. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Long Term Effects:**No data available.

**4.2 Most important symptoms/effects, acute & delayed:**

No data available.

**4.3 Symptoms requiring immediate medical attention and special treatment**

No specific treatment is recommended. Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**5.1 Suitable Extinguishing Media**

Materials to be used to extinguish the fire: Foam. Dry chemicals, sand, dolomite.

**5.2 Hazardous Decomposition/Combustion Products**

In case of fire, toxic gases may be produced. Vapor may form explosive mixture with air. Fire produces: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

**5.3 Protective Equipment recommendation for firefighting teams**

Avoid breathing fire vapors. Cool containers exposed to flames with water until the fire is extinguished. Remove the container from the fire area if this can be done without risk. Use a complete mask with oxygen tank when necessary to extinguish the fire. Prevent fire extinguishing water from flowing into sewers and waterways. Build a dam to keep the water under control.

**5.4 Other Information**

In case of fire, use self-contained breathing apparatus and full protective clothing.

**6. ACCIDENTAL RELEASE MEASURES**

**6.1 Personal Precautions, Protective Equipment and Emergency Procedures**

Wear protective clothing as shown in section 8 of this safety data sheet. Do not smoke, do not use fire or other igniters. Avoid breathing vapors and contact with skin and eyes. Provide proper ventilation. In case of spillage, be careful of slippery floors and surfaces.

**6.2 Environmental Precautions**

Do not pour into drains, soil or waterways. In case of spills into waterways or uncontrolled discharges, it is necessary to IMMEDIATELY apply to the relevant environmental institution or other appropriate control centers.

**6.3 Methods for Containment and Cleanup**

DO NOT HANDLE THE SPILLS!

**Major rashes:**Use necessary protective equipment.


Stop the leak if possible, provided there is no danger. Impregnate it with vermiculite, dry sand or soil and place it in boxes. Flush the spill area with plenty of water to clean it.

**Minor rashes:**Absorb spillage with non-flammable, absorbent material.

Transfer to a container for disposal. Never return spills to original containers for reuse.

**6.4 References to other sections**

For personal protection, see section 8. For additional information on health hazards, see Section 11. For waste disposal, see section 13.

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## 7. HANDLING AND STORAGE

### 7.1 Use/Handling

Avoid breathing vapors and particles. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Follow good industrial hygiene practices.

### 7.2 Storage

Store in tightly closed, labeled containers in a cool, dry place. Ventilate the storage environment adequately. Always store in a well-ventilated place. Keep away from unprotected flame and heat sources. Do not smoke. Avoid exposure to direct sunlight. Avoid accumulating electrostatic charge.

### 7.3 Specific end uses

Identified uses of this product are detailed in Section 1.2.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control Parameters

#### Exposure Limits

CHEMICAL NAME	ACGIH TLV	OSHA PEL	NIOSH
ETHYL ALCOHOL (CAS: 64-17-5)	STEL: 1000 ppm	TWA: 1000 ppmTWA: 1900 mg/m3	IDLH: 3300 ppm 10% LELWTA: 1000 ppmTWA: 1900 mg/m3

### 8.2 Exposure controls

Process Conditions  
Provide eye wash station, safety shower.

#### 8.2.1 Appropriate Engineering Controls

Ventilation rates must be appropriate to the conditions. Provide proper ventilation. Observe occupational exposure limits and reduce the risk of vapor inhalation.

#### 8.2.2 Personal Protective Equipment

**Respiratory:** No specific recommendations have been made, but in extreme cases, respiratory protection may be mandatory in cases of excessive airborne contamination.

#### Hand protection:

Gloves suitable for continuous contact		Suitable gloves for splash protection	
<b>Material</b>	Butyl-rubber	<b>Material</b>	Nitrile rubber
<b>Usage time</b>	>=480 min	<b>Usage time</b>	>=30 min
<b>Glove thickness</b>	>=0.7mm	<b>Glove thickness</b>	>=0.4mm

**Face/Eye protection:** Wear safety glasses or face shield.

**Skin protection:** Protective clothing and boots should be worn. Additionally, full protective clothing made of acrylic polyester and rubber or neoprene gloves and shoes should be worn.



#### 8.2.3 Environmental Exposure Controls


Working with the product must be done in a way that it does not enter sewers, waterways, soil and air.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Basic Physical and Chemical Properties

**Appearance**

Wipes

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<b>Colour</b>	White
<b>Smell</b>	unique
<b>Boiling point</b>	No data available.
<b>Flash Point</b>	<23 °C.
<b>Melting point</b>	No data available.
<b>PH value</b>	7.0-9.0
<b>Auto-Ignition Temperature</b>	No information.
<b>Volume Density</b>	No information.
<b>Intensity</b>	0.85- 0.95 g/cm <sup>3</sup>
<b>Explosive Property</b>	It's not explosive.
<b>Steam Pressure</b>	No information.
<b>Specific weight</b>	No information.
<b>Viscosity</b>	No information.

This section is organized in line with the specification of the product.

#### 9.2 Other information

No data available.

### 10. STABILITY AND RESPONSIBILITY

#### 10.1 Reactivity

There are no known hazardous reactions under normal conditions of use.

#### 10.2 Chemical Stability

It is stable under normal temperature conditions and recommended usage conditions. It is stable under prescribed storage conditions.

#### 10.3 Possibility of Hazardous Reactions

Not expected.

#### 10.4 Conditions to Avoid

Avoid exposure to high temperatures or direct sunlight.

#### 10.5 Incompatible Substances

No data available.

#### 10.6 Hazardous Decomposition Products

Fire produces: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

### 11. TOXICOLOGICAL INFORMATION

#### 11.1 General Information

Information regarding possible health hazards is based on experience and/or toxicological properties of the various ingredients in the product.

#### Acute Toxicity

##### Ethyl alcohol(CAS: 64-17-5)


LD50 Oral/Rat = 10.470 mg/kg

LC50 Inhalation/Rat = 124.7 mg/l 4h

##### Propan-2-ol (CAS:67-63-0)

LD 50 (oral-rat): 5840 mg/kg

LD 50 (skin - rabbit): 16.4 mL/kg

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LC50(inhalation-rat): 10 000 6 hours

**Didecylmethylpoly(oxyethyl)ammonium propionate (CAS: 94667-33-1)**

LD 50 (oral-rat): 972 - 1414 mg/kg  
LD 50 (skin-rabbit): 5.56 mL/kg

**Skin corrosion/irritation**

No information

**Serious eye damage/irritation**

No information

**Respiratory or skin sensitivity**

Not valid for normal room temperature. When heated, irritating vapors may be formed.

**Swallowing**

May cause discomfort if swallowed. May cause chemical burns.

**Germ cell mutagenicity**

No data available.

**carcinogenicity**

No data available.

**reproductive toxicity**

No data available.

**STOT-single exposure**

The product is not classified for specific organ toxicity after single exposure.

**STOT-repeated exposure**

The product is not classified for specific organ toxicity after repeated exposure.

**skin contact**

It is not irritating.

**Contact with Eyes**

It may cause irritation.

**12. ECOLOGICAL INFORMATION**

**12.1 Toxicity**

Prevent release to land, water and sewers. No ecological damage is known or expected in case of normal use.

**ETHYL ALCOHOL(CAS: 64-17-5)**

LC50 Rainbow trout (Oncorhynchus mykiss) 96 hours: 1-16 g/l  
LC50 Carp fry minnow (Pimephales promelas) 96h: > 100 mg / l  
LC50 Fresh water flea (Daphnia magna) 48h: 12340 mg/l  
EC50 Fresh water flea (Daphnia magna) 48h: 1 - 14221 mg/l

**Propan-2-ol (CAS:67-63-0)**

LC50 Baby carp minnow (Pimephales promelas) 96h: 9.640 mg/l  
EC50 Suphinia (Daphnia magna) 48h: 13.299 mg/l


**12.2. Persistence and degradability**

No data available.

**12.3. Bioaccumulation potential**

It is an easily soluble mixture.

It does not have components that have the potential to accumulate in nature.

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#### 12.4. Mobility in soil

No data available.

#### 12.5. Results of PBT and vPvB assessment

This product does not contain any substances considered PBT or vPvB.

#### 12.6. Other adverse effects

It has no known effect.

### 13. DISPOSAL INFORMATION

#### 13.1 Recommendation for Product Disposal

Do not allow this material to flow into drains/water bodies. Dispose of contents/container according to local/regional/national/international regulations.

#### 13.2 Safe Disposal

Containers must be completely emptied before disposal. If possible, recycle containers in-house or through a recycling company. The product must be disposed of in accordance with official regulations.

#### 13.4 Uncleaned Packaging

Empty containers should be taken to an approved waste treatment site for recycling or disposal. Follow label warnings even after the container is empty, as product residue may remain in empty containers.

### 14. TRANSPORTATION INFORMATION

**14.1. UN number (ADR /RID / ADN):** 3175  
**UN No. (IMDG):** 3175  
**UN No. (ICAO):** 3175

#### 14.2. UN proper shipping name:

SOLIDS CONTAINING FLAMMABLE LIQUIDS, BBB (ETHANOL, ISOPROPANOL)



**14.3. Transport hazard class(es):** 3

**14.4. Packaging group:** II

**14.5. Environmental damages:** Not applicable.

**14.6. Special precautions for the user:** Not applicable.


**14.7. Bulk transportation according to MARPOL 73/78 annex II and IBC code:** Not applicable.

### 15. LEGISLATION INFORMATION

#### 15.1 Safety, Health and Environmental Regulations Specific to the Substance or Mixture

##### Legislative reference:

- ✓ Regulation on Registration, Evaluation, Authorization and Restriction of Chemicals published in the Official Gazette No. 30105 dated 23 June 2017
- ✓ Prepared in accordance with the Regulation on Safety Data Sheets Concerning Harmful Substances and Mixtures published in the Official Gazette No. 29204 dated 13 December 2014
- ✓ Regulation on Test Methods to be Applied in Determining the Physico-Chemical, Toxicological and Ecotoxicological Properties of Substances and Mixtures published in the Official Gazette dated 11 December 2013 and numbered 28848.

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- ✓ Classification in accordance with the "Regulation on Classification, Labeling and Packaging of Substances and Mixtures" (SEA) published in the Official Gazette No. 28848 (Repeated) dated 11 December 2013.
- ✓ Regulation on the Prevention of Major Industrial Accidents and Reducing Their Effects published in the Official Gazette No. 30702 dated March 2, 2019
- ✓ Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

## 16. OTHER INFORMATION

### 16.1 Legal Instruments:

This document was prepared in accordance with 91/155/EEC, 2001/58/EC, ISO 11014-1, within the framework of the "Regulation on Safety Data Sheets Concerning Harmful Substances and Mixtures" dated 13 December 2014 and numbered 29204, and was prepared by accredited expert personnel certified as required by the regulation. prepared and approved.

### 16.2 Safety Data Sheet Prepared/Edited/Published by:

In the name of KAF GRUP SAĞLIK HİZMETLERİ İNŞAAT SANAYİ VE TİC. LTD. ŞTİ.

**Expert:** Melike TAŞ

**Expert Accreditation Number:** TÜV/01.349.03

**16.3 Issue Date:** 17.04.2023

### 16.4 Edits/Comments

Information about the product was taken and arranged according to the regulation dated 13.12.2014 and numbered 29204.

**16.5 Explanations of Related Expressions**(Harms and Precautionary Statements for Raw Materials Listed in Section 3)

### Related H Clauses Sentences (Part 3)

H225: Highly flammable liquid and vapour.  
H302: Harmful if swallowed.  
H314: Causes severe skin burns and eye damage.  
H319: Causes serious eye irritation.  
H336: May cause drowsiness or dizziness.  
H400: Very toxic to the aquatic environment.  
H412: Harmful to aquatic life with long lasting effects.

### Related P Sentences (Part 2)


P210: Keep away from heat/sparks/flames/hot surfaces. - No smoking.  
P233: Keep container tightly closed.  
P240: Ground/bond the container and receiving equipment.  
P241: Use explosion-proof electrical/ventilation/ignition/.../material.  
P242: Use only non-flammable tools.  
P243: Take preventive measures against static discharge.  
P303+P361+P353: IF ON SKIN (or hair): Immediately remove/take off all contaminated clothing. Rinse your skin with water/shower.  
P370+P378: In case of fire: Use powder or foam extinguishers to extinguish.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if worn and easy to do. Continue rinsing.  
P403+P235: Store in a well-ventilated area. Keep it cold.  
P501: Dispose of contents/container in accordance with local regulations for hazardous waste.

### 16.6 Other Topics

#### Disclaimer

In this Safety Data Sheet The information was preparedgIt has been prepared based on our best experience, knowledge and beliefs in history struck. The information given includes safe handling, use,sprocessing, storage, transportationsIt is designed to be a guide for destruction and disposal struck.



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This information is not specified in the document as long as only specified is valid for the article and in case of use with other substances or any other. It may not be valid if used in any particular process. For use, take into account the information in the Safety Data Sheet.

This Safety Data Sheet describes the product in accordance with appropriate safety regulations but does not guarantee assurance of product properties.

It does not constitute a guarantee and the product features do not create a legally valid contractual relationship. Editor's note; This SDS has been prepared based on the information and documents received from the product owner company. The SDS preparer cannot be held responsible for the incorrect preparation of the prepared SDS due to incomplete or incorrect information and documents and for any material damages and moral negativities that the product owner company may encounter for this reason.

### 16.7 Abbreviations

<b>ADR</b>	European Agreement Concerning the International Transport of Dangerous Goods by Road
<b>IMDG</b>	International Maritime Dangerous Goods Code
<b>IATA</b>	International Air Transport Association
<b>GHS</b>	United Nations Globally Harmonized System of Classification and Labeling of Chemicals
<b>EINECS</b>	European Inventory of chemical substances
<b>ELINCS</b>	List of European Notified Chemical Substances
<b>CAS</b>	Service registration number of chemical substances
<b>LC50</b>	50% lethal concentration
<b>LD50</b>	50% Lethal dose
<b>PBT</b>	Persistent, bioaccumulative, toxic
<b>RID</b>	Regulation on International Transport of Dangerous Goods by Rail
<b>ACGIH TLV</b>	American Conference of Governmental Industrial Hygienists-Threshold Limit Value
<b>OSHA PEL</b>	Occupational Safety and Health Administration - Permissible Exposure Limits
<b>NIOSH</b>	Concentrations that may be immediately dangerous to life or health