Revision date: 06/08/2021 Revision: 0.1 Supersedes date: 06/08/2021





SAFETY DATA SHEET OneSpray Wipes Alcohol Based Fast Acting Disinfectant Wipes for **Medical Devices**

Commission Regulation (EU) No 2015/830 of 28 May 2015.

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

1.1. Product identifier

OneSpray Wipes Alcohol Based Fast Acting Disinfectant Wipes for Medical Devices Product name

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

Identified uses Medical Devices Disinfection

Uses advised against No specific uses advised against are identified. Use only for intended applications.

1.3. Details of the supplier of the safety data sheet

Supplier Kaf Grup Sağ. Hizm. İnş. San ve Tic. Ltd. Şti.

Atakent Mahallesi 221 Sk. No:3A Rota Office A Blok Kat:14 D:82-83, 34200 Küçükçekmece / İSTANBUL

www.kafgrup.com Tel: 90 0 212 471 4 200

Contact person info@kafgrup.com

1.4. Emergency telephone number

Emergency telephone Tel: +90 0 212 471 4 200 (Working hours: 08:00-18:00)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Flam. Liq. 2 - H225 Health hazards Eye Irrit. 2 - H319

Environmental hazards Aquatic Chronic 2 - H411

2.2. Label elements

Hazard pictograms







Signal word

Danger Hazard statements H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P273 Avoid release to the environment.

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/ container in accordance with national regulations.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

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SECTION 3: Composition/information on ingredients

3.2. Mixtures

Ethanol 25-40%

CAS number: 64-17-5 EC number: 200-578-6

Specific Concentration Limits - Ethanol: Eye Irrit. 2;H319 : C ≥ 50 %

Classification

Flam. Liq. 2 - H225 Eye Irrit. 2 - H319

propan-2-ol (Isopropyl alcohol) 10-20%

CAS number: 67-63-0 EC number: 200-661-7

Classification

Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336

Di-decyl-methyl-polyoxyethyl-ammonium-quarternary-propionate

<1%

CAS number: 94667-33-1

M factor (Acute) = 10 M factor (Chronic) = 10

Classification

Acute Tox. 4 - H302 Skin Corr. 1B - H314 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.

Inhalation Due to the physical nature of this product, exposure by this route is unlikely. Move affected person to

fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if

symptoms are severe or persist.

Ingestion Due to the physical nature of this product, it is unlikely that ingestion will occur. IF SWALLOWED: Get

medical attention if any discomfort continues.

Skin contact Wash skin thoroughly with soap and water.

Eye contact Due to the physical nature of this product, exposure by this route is unlikely. If liquid has entered the eyes,

proceed as follows. Rinse with water. Get medical attention if any discomfort continues.

Protection of first aiders First aid personnel should wear appropriate protective equipment during any rescue.

4.2. Most important symptoms and effects, both acute and delayed

General information The severity of the symptoms described will vary dependent on the concentration and the length of

exposure.

Inhalation Due to the physical nature of this product, exposure by this route is unlikely. IF INHALED: A single

exposure may cause the following adverse effects: Temporary irritation.

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Ingestion Due to the physical nature of this product, exposure by this route is unlikely. IF SWALLOWED: May cause

discomfort.

Skin contact Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.

Eye contact Due to the physical nature of this product, exposure by this route is unlikely. IF IN EYES: Irritating to eyes.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media The product is flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water

fog. Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards Flammable liquid and vapour. Vapours may be ignited by a spark, a hot surface or an ember. Fire-water

run-off in sewers may create fire or explosion hazard.

Hazardous combustion products Thermal decomposition or combustion products may include the following substances: Harmful gases or

vapours

5.3. Advice for firefighters

Protective actions during

firefighting

Avoid breathing fire gases or vapours. Evacuate area. Cool containers exposed to flames with water until well after the fire is out. Control run-off water by containing and keeping it out of sewers and

watercourses. If risk of water pollution occurs, notify appropriate authorities.

Special protective equipment for

firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and

gloves) will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautionsWear protective clothing as described in Section 8 of this safety data sheet. No action shall be taken

without appropriate training or involving any personal risk. Do not touch or walk into spilled material. Evacuate area. Provide adequate ventilation. No smoking, sparks, flames or other sources of ignition near

spillage. Promptly remove any clothing that becomes contaminated.

6.2. Environmental precautions

Environmental precautions Avoid discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately

and dispose of waste safely. Eliminate all ignition sources if safe to do so. No smoking, sparks, flames or other sources of ignition near spillage. Do not allow material to enter confined spaces, due to the risk of explosion. Collect spillage. Flush contaminated area with plenty of water. Wash thoroughly after dealing

with a spillage. For waste disposal, see Section 13.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. See Section 11 for additional information on health hazards. See

Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Keep out of the reach of children. Read and follow manufacturer's recommendations. Wear protective

clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. For users with sensitive skin, it is recommended that suitable protective gloves are worn. Keep container tightly sealed when not in use. The product is flammable. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not handle until all safety

precautions have been read and understood. Do not reuse empty containers.

Advice on general occupational

hygiene

Wash hands thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store away from incompatible materials (see Section 10). Keep out of the reach of children. Keep away

from food, drink and animal feeding stuffs. Keep away from oxidising materials, heat and flames. Keep

container tightly closed, in a cool, well ventilated place.

Storage class Flammable liquid storage.

7.3. Specific end use(s)

Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

Ethanol

Long-term exposure limit (8-hour TWA): 500 ppm 960 mg/m³ Short-term exposure limit (15-minute): 1000 ppm 1920 mg/m³

propan-2-ol (Isopropyl alcohol)

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m³ Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m³

WEL = Workplace Exposure Limit

Ethanol (CAS: 64-17-5)

DNEL Workers - Inhalation; : 1900 mg/m³

Workers - Dermal; Long term systemic effects: 343 mg/kg/day Workers - Inhalation; Long term systemic effects: 950 mg/m³

General population - Inhalation; : 950 mg/m³

General population - Dermal; Long term systemic effects: 206 mg/kg/day General population - Inhalation; Long term systemic effects: 114 mg/m³ General population - Oral; Long term systemic effects: 87 mg/kg/day

PNEC - Fresh water; 0,96 mg/l

marine water; 0,79 mg/l
Intermittent release; 2,75 mg/l
Sediment (Freshwater); 3,6 mg/kg
Sediment (Marinewater); 2,9 mg/kg

propan-2-ol (Isopropyl alcohol) (CAS: 67-63-0)

DNEL Workers - Dermal; Long term systemic effects: 888 mg/kg/day

Workers - Inhalation; Long term systemic effects: 500 mg/m³
General population - Oral; Long term systemic effects: 26 mg/kg/day
General population - Dermal; Long term systemic effects: 319 mg/kg/day
General population - Inhalation; Long term systemic effects: 89 mg/m³

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PNEC Fresh water; 140.9 mg/l

marine water; 140.9 mg/l

Sediment (Marinewater); 552 mg/kg Sediment (Freshwater); 552 mg/kg

Soil; 28 mg/kg STP; 2251 mg/l

Intermittent release; 140,9 mg/l

Oral; 160 g/kg

8.2. Exposure controls

Protective equipment







Appropriate engineering controls

Provide adequate ventilation.

Eye/face protection

Due to the physical nature of this product, exposure by this route is unlikely. Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with European Standard EN166. Tight-

fitting safety glasses.

Hand protection

Wear protective gloves. To protect hands from chemicals, gloves should comply with European Standard

EN374.

Hygiene measures

Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wash

contaminated clothing before reuse.

Respiratory protection

No specific recommendations. Provide adequate ventilation. Large Spillages: If ventilation is inadequate,

suitable respiratory protection must be worn.

Environmental exposure controls Keep container tightly sealed when not in use. Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Liquid-impregnated wipe. **Appearance**

Colour White.

Odour Characteristic.

Odour threshold No information available.

рΗ 7-9

Melting point No information available. Initial boiling point and range No information available. Flash point No information available. Flammability (solid, gas) No information available.

Upper/lower flammability or

explosive limits

No information available.

Vapour pressure No information available. Vapour density No information available. Relative density No information available. 0,850 -0,950 g/cm3 @20 C Density

Solubility(ies) Soluble in water.

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Partition coefficient

No information available.

Auto-ignition temperature

No information available.

Pecomposition Temperature

No information available.

Viscosity

No information available.

Explosive properties

No information available.

No information available.

9.2. Other information

Other information No information required.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity See the other subsections of this section for further details.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed

storage conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions The following materials may react strongly with the product: Oxidising agents.

10.4. Conditions to avoid

Conditions to avoid Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Materials to avoid Acids - oxidising.

10.6. Hazardous decomposition products

Hazardous decomposition

products may include the following substances: Harmful gases or vapours.

Does not decompose when used and stored as recommended. Thermal decomposition or combustion

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

products

Notes (oral LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - dermal

Notes (dermal LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Based on available data the classification criteria are not met.

Skin corrosion/irritation

Skin corrosion/irritation Based on available data the classification criteria are not met.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye irritation.

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisationBased on available data the classification criteria are not met.

Germ cell mutagenicity

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Genotoxicity - in vitroBased on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity Based on available data the classification criteria are not met.

IARC carcinogenicity Contains a substance/a group of substances which may cause cancer. IARC Group 1 Carcinogenic to

humans

Reproductive toxicity

Reproductive toxicity - fertilityBased on available data the classification criteria are not met. **Reproductive toxicity -**Based on available data the classification criteria are not met.

development

Specific target organ toxicity - single exposure

STOT - single exposure May cause drowsiness or dizziness.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard

Aspiration hazard Based on available data the classification criteria are not met.

General information The severity of the symptoms described will vary dependent on the concentration and the length of

exposure.

Inhalation Due to the physical nature of this product, exposure by this route is unlikely. IF INHALED: A single

exposure may cause the following adverse effects: Temporary irritation.

Ingestion Due to the physical nature of this product, exposure by this route is unlikely. IF SWALLOWED: May cause

discomfort.

Skin contact Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.

Eye contact Due to the physical nature of this product, exposure by this route is unlikely. IF IN EYES: Irritating to eyes.

Route of exposure Ingestion Inhalation Skin and/or eye contact

Target organs No specific target organs known.

Toxicological information on ingredients.

Ethanol

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀ 6200 mg/kg, Oral, Rat

LD₅₀ 7060 mg/kg, Oral, Rabbit

Acute toxicity - dermal

Notes (dermal LD50) LD50 17100 mg/kg, Dermal, Rabbit

Acute toxicity - inhalation

Notes (inhalation LC50) LC50 124.7 mg/l, 4 hour, Vapour Rat.

propan-2-ol (Isopropyl alcohol)

Acute toxicity - oral

Notes (oral LD50) LD50 5280 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ 12800 mg/kg, Dermal, Rabbit

Acute toxicity - inhalation

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Notes (inhalation LC50) LC50 72.6 mg/l, Inhalation, Rat

Carcinogenicity

IARC Group 3 Not classifiable as to its carcinogenicity to humans.

Di-decyl-methyl-polyoxyethyl-ammonium-quarternary-propionate

Acute toxicity - oral

Acute toxicity oral (LD₅o

mg/kg)

1,157.0

Species Rat

ATE oral (mg/kg) 1,157.0

SECTION 12: Ecological information

Ecotoxicity Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous

effects on the environment.

12.1. Toxicity

Toxicity Based on available data the classification criteria are not met.

12.2. Persistence and degradability

Persistence and degradability No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient No information available.

12.4. Mobility in soil

Mobility No data available.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB

assessment

This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information The generation of waste should be minimised or avoided wherever possible. Reuse or recycle products

wherever possible. This material and its container must be disposed of in a safe way. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty

containers or liners may retain some product residues and hence be potentially hazardous.

Disposal methods Do not empty into drains. Dispose of waste to licensed waste disposal site in accordance with the

requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General For limited quantity packaging/limited load information, consult the relevant modal documentation using

the data shown in this section.

14.1. UN number

UN No. (ADR/RID) 3175

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UN No. (IMDG) 3175 UN No. (ICAO) 3175 UN No. (ADN) 3175

14.2. UN proper shipping name

Proper shipping name (ADR/RID)SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Ethanol, propan-2-ol)Proper shipping name (IMDG)SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Ethanol, propan-2-ol)Proper shipping name (ICAO)SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Ethanol, propan-2-ol)Proper shipping name (ADN)SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Ethanol, propan-2-ol)

14.3. Transport hazard class(es)

ADR/RID class 4.1
ADR/RID classification code F1
ADR/RID label 4.1
IMDG class 4.1
ICAO class/division 4.1
ADN class 4.1

Transport labels



14.4. Packing group

ADR/RID packing group || II
IMDG packing group || II
ICAO packing group || II
ADN packing group || II

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

EmS F-A, S-I
ADR transport category 2
Emergency Action Code 1Z
Hazard Identification Number 40
(ADR/RID)

Tunnel restriction code (E)

Commission Regulation (EU) No 2015/830 of 28 May 2015.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and Not applicable.

the IBC Code

SECTION 15: Regulatory information

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

Health and Safety at Work etc. Act 1974 (as amended). National regulations

The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI

2009 No. 1348) (as amended) ["CDG 2009"]. EH40/2005 Workplace exposure limits.

EU legislation Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006

concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as

amended)

Commission Regulation (EU) No 2015/830 of 28 May 2015.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on

classification, labelling and packaging of substances and mixtures (as amended).

Restrictions (Annex XVII Regulation 1907/2006)

No specific restrictions are known for this product.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

in the safety data sheet

Abbreviations and acronyms used ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland

Waterways

RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.

IATA: International Air Transport Association.

ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.

IMDG: International Maritime Dangerous Goods.

CAS: Chemical Abstracts Service. ATE: Acute Toxicity Estimate.

LC₅o: Lethal Concentration to 50 % of a test population.

LD₅₀: Lethal Dose to 50% of a test population (Median Lethal Dose).

EC50: 50% of maximal Effective Concentration. PBT: Persistent, Bioaccumulative and Toxic substance.

vPvB: Very Persistent and Very Bioaccumulative.

Classification abbreviations and acronyms

Flam. Liq. = Flammable liquid Eye Irrit. = Eye irritation

Key literature references and sources for data

Source: European Chemicals Agency, http://echa.europa.eu/ This SDS is prepared based on the information and documents received from product owner. CRAD or/and SDS author shall not be responsible for incorrect preapared of SDS and pecuniary loss or intangible damages because of deficient or wrong information and documents which comes from product owner.

Classification procedures according to Regulation (EC) 1272/2008

Eye Irrit. 2 - H319: : Calculation method. Flam. Liq. 2 - H225: : Expert judgement. STOT SE 3 - H336:

Calculation method.

Training advice

Read and follow manufacturer's recommendations

Revision comments This is the first issue

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Hazard statements in full H225 Highly flammable liquid and vapour.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.