

MATERIAL SAFETY DATA SHEET

CLEEN CARE + W HAND DISINFECTANT

*The SDS has been prepared according to EU REGULATION (EU) 2015/830 dated 29.05.2015
Document Preparation Date: 22.04.2020*

1-) PRODUCT AND PRODUCER IDENTIFICATION

1.1 PRODUCT IDENTIFICATION

Product Name: CLEEN CARE + W HAND DISINFECTANT

1.2 PRODUCT AREAS OF USAGE AND INADVISABLE USAGE AREAS

Usage Areas: *The product is used for hand and skin disinfection.*

Inadvisable Usage Areas: *Only use in the areas recommended above. Do not use for food cleansing.*

1.3 PRODUCER INFORMATIONS

Producer: DAĞLI TRADING LTD.

Prepared by: Merve ALİŞAN

1.4 EMERGENCY SITUATION LINE

International Poison Consultation Center (UZEM) : 114

Emergency Health Service: 112

2-) HARMFULNESS SPECIFICATION

2.1 PRODUCT CLASSIFICATION

Classification (28848 T.C.)

Physical and Chemical Hazards

Flammable Liquid, Category 2 - H225: *Highly flammable liquid and vapour.*

Human Health

Not classified.

Environment

Not classified.

2.2 LABEL FACTOR

Labelling (28848 T.C.)

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Warning Instructions: Danger

Harmfulness Significations:

H225 - Highly flammable liquid and vapour.

Precautions Significations:

Prevention

P102 - Keep out of reach of children.

P103 - Read label before use.

P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P233 - Keep away from any possible contact with water, because of violent reaction and possible flash fire.

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.

Response

P303 + P361 + P353 - DERİ (veya saç) İLE TEMAS HALİNDE İSE: Kirlenmiş tüm giysilerinizi hemen kaldırın/çıkartın. Cildinizi su ile durulayın.

P370 + P378 - Yangın durumunda söndürme için; su spreyi, alkole dayanıklı köpük, kuru kimyasal veya karbondioksit kullanın.

Storage

P403+P235 - Store in a well-ventilated place. Keep cool.

Disposal

P501 - Dispose of the contents / container according to national legislation.

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2.3 OTHER HARMFULNESS

The product doesn't characterize as PBT and vPvT.

3-) INGREDIENTS OF THE PRODUCT

INCI Name	CAS Number	EINECS/ELICS Number	Function	Classification (According to SEA)	Concentration (%)*
Aqua / Water	7732-18-5	231-791-2	Solvent	Not Classified	Up to 100
Ethanol	64-17-5	200-578-6	Active Ingredient / Antibacterial Agent	Flammable Liquid 2; H225	%80 (v/v)
Hydrogen Peroxide	7722-84-1	231-765-0	Active Ingredient / Antibacterial Agent	Oksitleyici Sıvı 2; H272 Acute Tok. 4 (Oral); H302 Acute Tok. 4 (Inhalation); H332 Skin Corr. 1B; H314 Eye Damage 1; H318 STOT Sing.3; H335	% 0,125 (v/v)
Glycerin	56-81-5	200-289-5	Humectant	Not Classified	%1 - %3

* The exact percentage of (Concentration) of composition has been withheld as a trade secret.

The datas has been specified according to current E.U. and T.C. regulations.

4-) FIRST AID PRECAUTIONS**4.1 EXPLANATIONS OF FIRST AID PRECAUTIONS****General Informations:**

Apply general first aid measures, Keep the sufferer rest, warm and have fresh air. If fainted, do not try to have them eat or drink anything.

In case of inhalation: It does not cause any discomfort. Get medical attention if symptoms occur.

In case of swallow: Wash mouth with plenty of water. Get medical attention if symptoms occur.

In case of skin contact: Get medical attention in case of skin irritation or allergic reactions.

In case of eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if applicable, and continue flushing. If symptoms persist, call a physician.

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4.2 QUICK AND DELAYED IMPORTANT SYMPTOMS AND EFFECTS

There is not known.

4.3 FIRST SIGNS FOR MEDICAL INTERVENTION AND SPECIAL TREATMENT REQUIREMENT

There is not known.

5-) FIRE FIGHTING PRECAUTION

5.1 FIRE EXTINGUISHERS

Use extinguishing measures suitable for local conditions and the surrounding environment.

Suitable Fire Extinguishers: Carbon dioxide (CO₂). Water spray. Dry extinguishing powder.
Alcohol resistant foam.

Unsuitable Fire Extinguishers: No suitable information is available

5.2 ESPECIAL DAMAGES

No suitable information is available

5.3 ADVICE FOR FIRE EXTINGUISHERS

Especial methods for fire fighting:

Do not allow fire fighting water to enter drains or watercourses. Intervene by taking normal measures from a reasonable distance to the fire.

Protector Equipment:

In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

6-) PRECAUTIONS AGAINST TO DIFFUSE AFTER ACCIDENT

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Personal Precautions : *If it is poured on the floor, the floor becomes slippery. Wash the floor with water. Avoid contact with the eyes and skin. Provide enough. Under personal protective equipment when needed. In more than one product distribution, the responsible evaluate the*

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6.2 ENVIROMENTAL PRECAUTIONS

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. dilute with plenty of water.

6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Methods for Cointanment: *If it is safe, avoid further leakage or spillage.*

Methods for Cleaning Up: *Absorb spilled material and collect it somewhere.*

7. HANDLING AND STORAGE**7.1 PRECAUTIONS FOR SAFELY HANDLING**

Handle in accordance with good industrial hygiene and safety practice. Avoid contact eyes. Do not eat, drink or smoke when using this product.

7.2 CONDITIONS FOR SAFELY STORAGE

Keep away from children. Close the lid tightly after each use. To prevent spoilage, store the product in a cool, dry place away from direct sunlight. Store locked up. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations.

8-) EXPOSURE CONTROLS AND PERSONAL PROTECTIONS**Human Health Values**

Ethanol (CAS No: 64-17-5)

Endpoint	Threshold level	Protection goal, route of exposure	Used in	Exposure time
DNEL	343 mg/kg	human, dermal	worker (industry)	chronic -systemic effects
DNEL	950 mg/m ³	human, inhalatory	worker (industry)	chronic -systemic effects

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Hydrogen Peroxide (Cas No: 7722-84-1)

TLV/TWA : 1.4 mg/m³ (1 ppm)

STEL : 2.8 mg/m³ (2 ppm)

PEL : 1.4 mg/m³ (1 ppm)

Control Parameters

Showers - Eyewash showers - Ventilator system

Respiratory Protection: *No personal protective respirator is required. If irritation occurs, NIOSH/MSHA approved respiratory protection should be worn. Positive compressed air respirators may be required for high pressure air pollutions. Respiratory protection should be provided in accordance with local regulations.*

Eye/Face Protection: *Wear safety glasses with side or flat shield.*

Skin and Body Protection: *Wear protective clothing, such as rubber or neoprene gloves and a long-sleeved shirt.*

Hygiene Measures: *Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Avoid contact with eyes. Do not eat or drink while using the product.*

9-) PHYSICAL AND CHEMICAL PROPERTIES**9.1 INFORMATIONS ABOUT GENERAL FUNDAMENTAL PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Transparent Liquid
Colour	Colorless
Odour	Characteristic
Odour Threshold	No data available
pH value @20°	6,5 – 7,5
Melting point	No data available
Boiling point	No data available
Flashing point	< 60°C
Evaporation rate (butyl acetate=1)	No data available
Flammability	Flammable
Max/Min expolsing limits	No data available
Vapor Pressure (mmHg)	No data available
Vapor Density (air=1)	No data available

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Solubility	Soluble
Distribution coefficient	No data available
Inflammation temperature	No data available
Degradation temperature	No data available
Viscosity (@20°C) (SP4, 100 RPM)	N/A

10-) STABILITY AND REACTION

10.1 REACTION: Stable under recommended storage conditions.

10.2 CHEMICAL STABILITY: Stable under recommended storage conditions.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS: None under normal processing.

10.4 SITUATIONS TO AVOID: None known based on information supplied.

10.5 INCOMPATIBLE MATERIALS: None known based on information supplied.

11-) TOXICOLOGICAL INFORMATIONS**11.1 INFORMATION ON TOXICOLOGICAL EFFECTS**

There is no exposure data pertaining to the product. This section reflects exposure data pertaining to individual ingredients.

ACUTE TOXICITY

Chemical Name	LD50 Oral	LD50 Dermal	LD50 Inhalation
Ethanol	10470 mg/kg (rat)	>15800 mg/kg (rabbit)	124.7 mg/L/4h (rat)
Hydrogen Peroxide	1,193 - 1,270 mg/kg (rat)	2,000 mg/kg (rabbit)	0.17 mg/L/4h (rat)

Inhalation: No injures are known or expected when used as advised.

Eye Contact: Irritating to eyes. May cause redness, itching, and pain

Skin Contact: Irritating to the skin. It can cause rash and itching.

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Ingestion: Ingestion may cause irritation to mucous membranes.

Information on toxicological effects:

Symptoms: Redness of the skin. May cause redness and tearing of the eyes.

Delayed and immediate effects as well as chronic effects from short and long-term exposure:

Sensitization: No information available.

Mutagenic Effects: No information available.

Carcinogenicity: No information available.

Reproductive Toxicity: No information available.

STOT – single exposure: No information available

STOT – repeated exposure: No information available

Chronic Toxicity: The carcinogenic potential is unknown.

Target Organ Effects: No information available.

Aspiration Hazard: No information available.

12-) ECOTOXICOLOGY INFORMATIONS

12.1 ECOTOXICITY

Do not allow the product into water streams, lakes.

Aquatic toxicity (acute):

Ethanol (CAS No: 64-17-5):

Algae (*Chlorella vulgaris*): EC50 (3d): 275 mg/l

Rainbow trout (*Salmo gairdneri*): LC50 (24h): 11200 mg/l

Daphnia magna: EC50 (48h): 12340 mg/l

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Hydrogen Peroxide (Cas No: 7722-84-1)

- Fishes, *Pimephales promelas*, LC50, 96 h, 16.4 mg/l

- Fishes, *Pimephales promelas*, NOEC, 96 h, 4.3 mg/l

- Crustaceans, *Daphnia pulex*, EC50, 48 h, 2.4 mg/l

Remarks: fresh water, semi-static test

- Crustaceans, *Daphnia pulex*, NOEC, 48 h, 1 mg/l

Remarks: fresh water, semi-static test

Chronic toxicity

- Algae, *Skeletonema costatum*, EC50, growth rate, 72 h, 2.6 mg/l

- Algae, *Skeletonema costatum*, NOEC, 72 h, 0.63 mg/l

- Algae, *Chlorella vulgaris*, EC50, Growth rate, 72 h, 4.3 mg/l

- Algae, *Chlorella vulgaris*, NOEC, 72 h, 0.1 mg/l

12.2 PERSISTENY AND BIODEGRADABILITY

No data available.

12.3 BIOACCUMULATIVE POTENTIAL

No data available.

12.4 MOBILITY IN SOUL

No data available.

12.5 RESULT of ASSESMENT of PBT and PvT

No data available.

12.6 OTHER ADVERSE EFFECTS

No data available.

13-) DISPOSAL CONSIDERATIONS

Disposal should be in accordance with local, state/provincial and Federal regulations. Don't let to distirbution into spring, land and sewage.

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14-) TAŞIMA BİLGİLERİ

Land Transport (DOT)

UN number : 1170

Description of the goods : Ethanol solutions

Class : 3

Packing group : III

IATA

UN number : 1170

Description of the goods : Ethanol solutions

Class : 3

Packing group : III

IMDG/IMO

UN number : 1170

Description of the goods : Ethanol solutions

Class : 3

Packing group : III

EmS No: F-E, S-D

ADR

UN number : 1170

Description of the goods : Ethanol solutions

Class : 3

Packing group : III

Classification code: F1

15-) REGULATORY INFORMATION

15.1 SAFETY, HEALTHY AND ENVIRONMENT REGULATION FOR MATERIALS AND MIXTURES NATIONAL REGULATION

- Turkey Republic Ministry of Environment and Urban Planning, the regulation about labelling and packing of materials and mixtures, 11 December 2013 dated, 28848 numbered.
- Ministry of Labour and Social Security, the regulation about safety measure and healthy on chemical materials, 12 August 2013 dated, 28733 numbered.

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- *Ministry of Labour and Social Security, the regulation about using personal protection materials at working place, 02 July 2013 dated, 28695 numbered.*
- *Ministry of Labour and Social Security, occupational health and safety law, 30 June 2012 dated, 6331 numbered.*

16-) OTHER INFORMATIONS

16.1 THE ABRIDGMENTS IN THE MSDS

ADR: Europe agreement about dangerous products' transportation on the road

ADN: Europe agreement about dangerous products' transportation by sea between continents

RID:Europe agreement about dangerous products' transportation by railway

IATA: International airway transportation association

CAS: Chemical hypothesis service

PBT: Permanent, bioaccumulative and toxic material

vPvT: So permanent, so bioaccumulative

ATE: Estimated acute toxicity

SEA: Classification, labelling, packing regulation

DNEL: Derivated non effect level

PNEC: Predicted non effect concentration

STOT: Spesific target organ toxicity

16.2 ARRANGER

The MSDS has been arranged by: Merve ALIŞAN

Exprt no: GBF-A-0-2773