

SAFETY DATA SHEET

According to EEC Commission Regulation (EC) NO /1272/2008 EC and EEC commission Regulation 1907/2006/EC (REACH)

Revision Date:20.04.2022

Revision No: None

LANHER FLOOR AND SURFACE DISINFECTANT SPRAY

1. Identification of the substance/mixture and of the company/undertaking

- **Product name:** LANHER FLOOR AND SURFACE DISINFECTANT SPRAY
- **Variants:** LEMON, LAVENDER, NEUTRAL
- **Recommended Use:** Aerosol disinfectant, sanitizer
- **Restrictions on Use:** Use only as directed on label
- **Manufacturer /Supplier:** LİDER KOZMETİK SAN. VE TİC. A.Ş.
Address: Dilovası Organize Sanayi Bölgesi 5.Kısım D-5007 sok No:12 KOCAELİ / TURKEY
Phone: 90 262 7547854
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Mail: info@liderkozmetik.com
- **Emergency Phone Number:** 90 262 7547854

2. Hazards Identification

Classification of the substance or mixture

Classification according to Regulation (EC) NO /1272/2008

Information concerning particular hazards for human and environment

The product has to be labelled due to the calculation procedure of the “General Classification guideline for preparations of the EU” in the latest valid version.

Classification system

The classification is according to the latest editions of the EU List, and extended by company and literature data.

Label elements

Label according to EU guidelines:

The product has been classified and marked in accordance with EU Directives /Ordinance on Hazardous Materials.

Code letter and hazard designation of product:



GHS02



GHS07

Signal word: Danger

Hazard Statement:

H222: Extremely flammable aerosol.

H319: Causes serious eye irritation.

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H336: May cause drowsiness or dizziness.

Precautionary Statement Prevention:

P102: Keep out of reach of children.

P103: Read label before use.

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition source. No smoking.

P211: Do not spray on an open flame or other ignition source.

P251: Pressurized container: Do not pierce or burn, even after use.

P233: Keep container tightly closed.

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332 + P313: If skin irritation occurs: Get medical advice/attention.

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

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

P410+412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P501: Dispose of contents/ container to an approved waste disposal plant.

Other hazards

Results of PBT and vPvB assesement

PBT:Not applicable.

vPvB: Not applicable.

3. Composition / Information on Ingredients

Chemical chracterization: Mixtures

Description: Mixture of substance listed below.

Dangerous components

Chemical Name	CAS No	EINECS No	Hazard Statements	Concentration (%)
Ethyl Alcohol (96.3 % v/v)	64-17-5	200-578-6	 H225 H319	70-75 %
Isopropyl Alcohol	67-63-0	200-661-7	  H225 H319 H336	0-10 %
Butane	106-97-8	203-448-7	 H220 H280	20-25 %

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Propane	74-98-6	200-827-9	 H220 H280	
Isobutane	75-28-5	75-28-5	 H220 H280	

Additional information: For the wording of the listed risk phrases refer to section 16.

4. First Aid Measures

Description of first aid measures

General advice: In the case of accident or if you feel unwell, seek medical advice immediately. When symptoms persist or in all cases of doubt seek medical advice.

After inhalation: If inhaled, remove to fresh air. Get medical attention if symptoms occur.

After skin contact: Wash skin thoroughly with soap and water or use recognised skin cleanser. In the case of skin irritation or allergic reactions see a physician.

After eye contact: Rinse opened eye for several minutes under running water and seek medical advice.

After swallowing: If swallowed, DO NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth thoroughly with water.

Information for doctor:

Most important symptoms and effects, both acute and delayed. No further relevant information available.

Indication of any immediate medical attention and special treatment needed.

No further relevant information available.

5. Fire-fighting measures

Extremely flammable aerosol.

Suitable extinguishing media: In case of fire, Water, Alcohol-resistant foam, Dry chemical, Carbon dioxide (CO₂)

Unsuitable extinguishing media: None known

Hazardous Combustion Products: Carbon oxides.

Special protective equipment for fire-fighters: Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

6. Accidental release measures

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Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate personal protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained.

Methods and material for containment and cleaning up:

Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Collect spillage. Prevent product from entering drains. Following product recovery, flush area with water. Do not flush with water or aqueous cleansing agents.

Referance to other section.

See section 7 for information on safe handling.

See section 8 for information on personal protection equipment.

See section 13 for disposal information.

7.Handling and storage

Precautions for safe handling: Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Avoid contact with eyes. Use only in well-ventilated areas. Observe good industrial hygiene practices. Wash hands thoroughly after handling. Do not empty into drains.

Storage Conditions: Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source.

Specific and use(s): No further relevant information available.

8.Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see item 7.

Control parameters

Ingredients with limit values that require monitoring at the workplace:
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64-17-5 Ethanol

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WEL	Long-term value: 1920 mg/m ³ , 1000 ppm
67-63-0 Isopropyl Alcohol	
WEL	Long-term value: 500 mg / m ³ , 200 ppm

Additional information: The lists valid during the making were used as basis.

Exposure controls

Personal protective equipment:

General protective and hygienic measures: Wash hands before breaks and at the end of work. Change contaminated clothing.

Respiratory protection: Use suitable respiratory protective device in case of insufficient ventilation.

Protection of hands: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of Quality and varies from manufacturer to manufacturer.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

For the permanent contact gloves made of the following materials are suitable:

Butyl rubber, BR

Recommended thickness of the material: ³ 0.7 mm

Value for the permeation: Level ³ 480 min

As protection from splashes gloves made of the following materials are suitable:

Nitrile rubber, NBR

Recommended thickness of the material: ³ 0.7 mm

Value for the permeation: Level ³ 120 min

Eye protection: Safety glasses

Body protection: Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled.

9.Physical and chemical properties

Information on basic physical and chemical properties

General information

Appearance

Form :	Aerosol.
Colour :	Colourless.
Odour:	Special.
Odour threshold :	Not determined.

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Change in condition

Melting Point /Melting Range : Undetermined.

Boiling point/Boiling range:

Flash Point: Not applicable as aerosol.

Ignition temperature: 365 °C

Decomposition temperature : Not determined.

Self-ignition: Product is not selfignating.

Danger of explosion: Not determined.

Explosion limits :

Lower: Not determined.

Upper: Not determined.

Vapour pressure at 20°C: 23 hPa

Density : 0,84 +/- 0,05 g/mL.

Relative Density: Not determined.

Vapour density: Not determined.

Evaporation rate: Not applicable.

pH: 7,00-10,00.

Solubility in /Miscibility with water: Not miscible or difficult to mix.

Segregation coefficient (n-octanol /water): Not determined.

Viscosity:

Dynamic : Not determined.

Kinematic : Not determined.

Solvent content:

Organic solvents : max 80 %

Water: -

VOC(EC) : max 80 %

Other information : No further relevant information available.

10.Stability and reactivity

Reactivity: No data available.

Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reaction: None under normal processing.

Conditions to avoid: Heat, flames and sparks.

Incompatible materials: No further relevant information available.

Hazardous decomposition product: No hazardous decomposition products are known.

11. Toxicological information

There is no data for this product. The information included in this section describes the potential hazards of the individual ingredients.

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Information on toxicological effects

LD/LC50 values relevant for classification:	
64-17-5 Ethanol	
Oral	LD 50 6200mg/kg (rat)
Inhalative	LC 50/4hr 95ml/l (rat)

LD/LC50 values relevant for classification:	
67-63-0 Isopropyl Alcohol	
Oral	LD 50 5.045 mg/kg (rat)
Inhalative	LC 16000 ppm (rat)

Inhalation: No known effect.

Skin contact: No known effect.

Ingestion: No known effect.

Eye contact: Causes serious eye irritation.

Acute toxicity: Not classified based on available information.

Skin sensitization: Not classified based on available information.

Respiratory sensitization: Not classified based on available information.

12. Ecological information

Toxicity

Aquatic toxicity: No further relevant information available.

Persistence and degradability: No further relevant information available.

Behaviour in environmental systems:

Bioaccumulative potential : No further relevant information available.

Mobility in soil: No further relevant information available.

Additional ecological information:

General notes: Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Results of PBT and vPvB assessment

PBT :Not applicable.

vPvB :Not applicable.

Other adverse effects : No further relevant information available.

13. Disposal consideration

Waste treatment methods

Recommendation: Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Contaminated packaging

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Recommendation: If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

14.Transport information

Land transport ADR/RID (cross-border)



ADR/RID class : 2 5F Gases
 Danger Code: -
 UN Number : 1950
 Packaging group: -
 Hazard label: 2.1
 UN proper shipping name: 1950 AEROSOLS
 Tunnel restriction code: D

Maritime transport IMDG:



IMDG Class 2.1
 UN number : 1950
 Label : 2.1
 Packaging group : -
 EMS Number : F-D,S-U
 Marine Pollutant No
 Proper shipping name AEROSOLS.

Air transport ICAO-TI and IATA-DGR:



ICAO /IATA Class: 2.1
 Un/id Number : 1950
 Label : 2.1
 Packaging group : -
 Proper shipping name: AEROSOLS, Flammable.

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Special precautions for user :Warning ! Gases.

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

15.Regulatory information

Chemical safety assessment: A chemical Safety Assessment has not been carried out.

16. Other information

The contents and format of this SDS are in accordance with EEC Commission Regulation (EC) NO /1272/2008 EC and EEC commission Regulation 1907/2006/EC (REACH) Annex II .

Sources : European Chemicals Bureau.

DISCLAIMER

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided whitout any warranty , express or implied, regarding its correctness. The conditions or methods of handling , storage, use or disposal of the product are beyond our Control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected whit the handling,storage, use or disposal of the product. This SDS was prepared and is to be used only fort his product. If the product is used as a component in another product, this SDS information may not be applicable.



GHS02



GHS07

Signal word: Danger

Hazard Statement:

H222: Extremely flammable aerosol.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

Precautionary Statement Prevention:

P102: Keep out of reach of children.

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