

SAFETY DATA SHEET
According to 1907/2006/EC, Article 31
Regulation (EC) NO/1272/2008

Print Date:20.04.2022

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

Product identifier

- **Trade name: LANHER STAINLESS STEEL CLEANER**
Application of substance / the preparation: Home Care Product

Details of the supplier of the safety data sheet

- **Manufacturer /Supplier: LİDER KOZMETİK SAN. VE TİC. A.Ş.**
Dilovası Organize Sanayi Bölgesi 5.Kısım D-5007 sok No:12 KOCAELİ / TURKEY
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2.Hazards identification;

Classification of the substance or mixture

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



GHS-02

Danger

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..

Warning ! Pressurized container.

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 :



GHS-02

Danger

Hazard Statement:

H222 Extremely flammable aerosol

Precautionary Statement Prevention:

P102 Keep out of reach of children.

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.

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P251 Do not pierce or burn, even after use

Precautionary Statement Storage:

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Classification in accordance with Directive 75/324/EEC :Extremely flammable.

Other hazards: Very fast flame consuming. Liquid LPG has been in contact with skin can cause a cold burn. Inhalation of high concentrations of narcotic effect may indicate indicate a long term period of time.

Results of PBT and vPvB assesement

PBT: Not applicable.

vPvB: Not applicable.

Special labelling of certain preparations:

Pressurized container, protect from sunlight and do not expose to temperatures exceeding 50 °C.

Do not pierce or burn ,even after use.

Do not spray on a naked flame or any incandescent material.

Classification in accordance with Directive 75/324/EEC :Extremely flammable.

Other hazards: Very fast flame consuming. Liquid LPG has been in contact with skin can cause a cold burn. Inhalation of high concentrations of narcotic effect may indicate indicate a long term period of time.

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 with nonhazardous additions.

Dangerous components			
CAS NO:75-28-5 EINECS NO:200-857-2	Isobutane	 Danger H220	5-15 %
CAS NO:106-97-8 EINECS NO:203-448-7	Butane	 Danger H220	
CAS NO:74-98-6 EINECS NO:200-827-9	propane	 Danger H220	
CAS NO:67-63-0 EINECS NO:200-661-7	Iso propyl alcohol	  H225 , H319, H336	1-5 %
CAS NO:1310-58-3 EINECS NO:215-181-3	Butyl Glycol	 H319	1-5%
CAS NO: N/A EINECS NO: N/A	Formaldehyde	   	0,01-0,1%

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		H225, H301+311,H314,H317,H330,H351	
CAS NO: N/A EINECS NO: N/A	Polyoxilanoxide silane	 H318, H373	0,01-0,1%
	Cocoamidopropenyl betain	 H319	1-5 %

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

4 First Aid Measures

Description of first aid measures

After inhalation:Supply fresh air ; consult doctor in case of complaints.

After skin contact:Generally the product does not irritate the skin.

After eye contact:Rinse opened ey efor several minutes under running water.

After swallowing: If symptoms persist consult doctor.

Information for doctor:

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

Indication of any immediate medical attention and special treatment needed.

No further relevant information available.

5.Firefighting measures

Extinguishing media

Suitable extinguishing agents :CO₂ , sand,extinguishing powder.Do not use water.

For safety reason unsuitable extinguishing agents:Water with full jet

Special Hazards arising from the substance or mixture: No further relevant information available.

Advise for firefighters

Protective equipment: No special measures required.

6.Accidental release measures

Personal precautions,protective equipment and emergency procedures

Wear protective equipment.Keep unprotected persons away.

Enviromental precautions: Do not allow to enter sewers/surface or ground water.

Methods and material for containment and cleaning up:

Ensure adequate ventilation.

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

Handling

Precaution for safe handling Open and handle receptacle with care

Information about fire –and explosion protection:

Keep ignition source away-Do not smoke.

Protect against electrostatic charges.

Condition for safe storage,including any incompatibilities

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Storage:

Requirements to be met by storerooms and receptacles :

Store in a cool location.

Observe official regulations on storing packagings with pressurized containers.

Information about storage in one common storage facility: Not required.

Further information about storage conditions:

Keep container tightly sealed.

Do not seal receptacle gas tight.

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

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:	
106-97-8 butane	
WEL	Short-term value: 1810mg/m ³ , 750ppm Long-term value: 1450mg/m ³ , 600ppm Carc (if more than 0,1% of buta-1,3-diene)

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

Exposure controls

Personal protective equipment

General protective and hygienic measure: Wash hand before breaks and at the end of work.

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. Due to missing tests no recommendation to the glove material can be given for the product/the preparation/the chemical mixture.

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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

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.

Eye protection:



Tightly sealed goggles.

9. Physical and chemical properties

Information on basic physical and chemical properties

General information

Appearance :

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Form: Aerosol
Colour: White foam when sprayed.
Odour: Lemon .
Odour threshold : Not determined.
pH Value : Not determined.

Change in condition

Melting Point /Melting Range: Undetermined.
Boiling point/Boiling range: < 35 °C
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 :23hPa

Density : Not determined.
Relative Density: Not determined.
Vapour density: Not determined.
Evaporation rate: Not applicable.
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: 5 %
Water: 50-70 %
VOC(EC): 5 %
Solids content: 2 %
Other information : No further relevant information available.
Other information : No further relevant information available.

10. Stability and reactivity

Reactivity

Chemical stability

Thermal decomposition/conditions to be avoided: No decomposition if used according to specifications.

Possibility of hazardous reaction: No dangerous reactions known.

Conditions to avoid: No further relevant information available.

Incompatible materials: No further relevant information available.

Hazardous decomposition product: No dangerous decomposition products known.

11. Toxicological information

Information on toxicological effects

Acute toxicity:

Primary irritant effect:

On the skin: No irritant effect.

On the eye: No irritant effect.

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Sensitization :No sensitizing effects known.

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:

Water hazard class 1 (German Regulation)(Self assessment):Slightly hazardous for water.

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.

Uncleaned packaging:

Recommendation : Disposal must be made according to official 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

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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.

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 .

DISCLAIMER OF LIABILITY

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without 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 with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.



GHS-02

Danger

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Sources : European Chemicals Bureau.