

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 19.02.2020

Version number 1

Revision: 19.02.2020

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

**- 1.1 Product identifier**

- Trade name: **LEALE**

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

**- Life cycle stages**

PW Widespread use by professional workers

C Consumer use

**- Sector of Use**

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

SU21 Consumer uses: Private households / general public / consumers

- Product category PC31 Polishes and wax blends

- Application of the substance / the mixture Polish

**- 1.3 Details of the supplier of the safety data sheet**

**- Manufacturer/Supplier:**

MA-FRA S.p.A. a Socio Unico

Via Aquileia, 44/46

20021 Baranzate (MI) ITALIA

Tel. +39 023569981

[www.mafra.com](http://www.mafra.com)

[mafra@mafra.it](mailto:mafra@mafra.it)

- Informing department: [info@mafra.it](mailto:info@mafra.it)

**- 1.4 Emergency telephone number:**

Contact the local hospital or the poison control center closest to you

In case of accident call the emergency number 112

**SECTION 2: Hazards identification**

**- 2.1 Classification of the substance or mixture**

- Classification according to Regulation (EC) No 1272/2008

The product is not classified as hazardous according to the CLP Regulation.

**- 2.2 Label elements**

- Labelling according to Regulation (EC) No 1272/2008 Void

- Hazard pictograms Void

- Signal word Void

- Hazard statements Void

- Precautionary statements

P102 Keep out of reach of children.

- Additional information:

Contains mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one, 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

Safety data sheet available on request.

**- 2.3 Other hazards**

- Results of PBT and vPvB assessment

- PBT: Not applicable.

- vPvB: Not applicable.

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### SECTION 3: Composition/information on ingredients

#### - 3.2 Chemical characterisation: Mixtures

- **Description:** Mixture of substances

#### - Dangerous components:

EC number: 918-481-9 Reg.nr.: 01-2119457273-39	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics Asp. Tox. 1, H304	10-20%
CAS: 56-81-5 EINECS: 200-289-5 Reg.nr.: 01-2119471987-18	glycerol substance with a Community workplace exposure limit	1-<3%

- **Additional information** For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

#### - 4.1 Description of first aid measures

- **After inhalation** Supply fresh air; consult doctor in case of symptoms.

- **After skin contact** Instantly wash with water and soap and rinse thoroughly.

- **After eye contact** Rinse opened eye for several minutes under running water.

#### - After swallowing

Drink copious amounts of water and provide fresh air. Instantly call for doctor.

Do not induce vomiting; instantly call for medical help.

#### - 4.2 Most important symptoms and effects, both acute and delayed

Sickness

No further relevant information available.

#### - 4.3 Indication of any immediate medical attention and special treatment needed

If swallowed, gastric irrigation

Medical supervision for at least 48 hours

### SECTION 5: Firefighting measures

#### - 5.1 Extinguishing media

#### - Suitable extinguishing agents

CO<sub>2</sub>. Do not use water.

Use fire fighting measures that suit the environment.

- **For safety reasons unsuitable extinguishing agents** Water with a full water jet.

#### - 5.2 Special hazards arising from the substance or mixture

Can be released in case of fire

Carbon monoxide (CO)

#### - 5.3 Advice for firefighters

#### - Protective equipment:

Do not inhale explosion gases or combustion gases.

Protection means for respiratory tract

#### - Additional information

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

### SECTION 6: Accidental release measures

#### - 6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

Wear protective equipment. Keep unprotected persons away.

- **6.2 Environmental precautions:** Do not allow to enter drainage system, surface or ground water.

#### - 6.3 Methods and material for containment and cleaning up:

Dispose of contaminated material as waste according to item 13.

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

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- **6.4 Reference to other sections**
- See Section 7 for information on safe handling
- See Section 8 for information on personal protection equipment.
- See Section 13 for information on disposal.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special measures required.
- **Information about protection against explosions and fires:** Protect from heat.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** Store only in the original container.
- **Information about storage in one common storage facility:**
- Do not store together with oxidising and acidic materials.
- Do not store together with alkalis (caustic solutions).
- **Further information about storage conditions:** None.
- **Recommended storage temperature:** 15-25°C
- **Storage class**
- **Class according to regulation on inflammable liquids:** Void
- **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.

#### - 8.1 Control parameters

- **Components with limit values that require monitoring at the workplace:**

##### 56-81-5 glycerol

WEL	Long-term value: 10 mg/m <sup>3</sup>
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- **Additional information:** The lists that were valid during the compilation were used as basis.

#### - 8.2 Exposure controls

- **Personal protective equipment**
- **General protective and hygienic measures**
- Do not eat, drink or smoke while working.
- Wash hands during breaks and at the end of the work.
- Take off immediately all contaminated clothing
- Keep away from foodstuffs, beverages and food.
- **Breathing equipment:** Not required.
- **Protection of hands:**



Protective gloves. (EN 374)

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**

Recommended thickness of the material:  $\geq 0.11$  mm

Nitrile rubber, NBR

#### - **Penetration time of glove material**

For the mixture of chemicals mentioned below the penetration time has to be at least 120 minutes (Permeation according to EN 16523-1:2015: Level 4).

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- Eye protection:



Safety glasses recommended during refilling.

## SECTION 9: Physical and chemical properties

### - 9.1 Information on basic physical and chemical properties

#### - General Information

##### - Appearance:

Form: Pasty

Colour: White

- Odour: Characteristic

- Odour threshold: Not determined.

- pH-value at 20 °C: 8

##### - Change in condition

Melting point/freezing point: Not determined

Initial boiling point and boiling range: 100 °C

- Flash point: >61 °C

- Inflammability (solid, gaseous) Not applicable.

- Ignition temperature: >200 °C

- Decomposition temperature: Not determined.

- Self-inflammability: Product is not selfigniting.

- Explosive properties: Product is not explosive.

##### - Critical values for explosion:

Lower: 0.5 Vol %

Upper: 7 Vol %

- Vapour pressure at 20 °C: 0.6 hPa

- Density at 20 °C: 1.02 g/cm<sup>3</sup>

- Relative density: Not determined.

- Vapour density: Not determined.

- Evaporation rate: Not determined.

##### - Solubility in / Miscibility with

Water: Fully miscible

- Partition coefficient: n-octanol/water: Not determined.

##### - Viscosity:

dynamic at 20 °C: 16,500-19,000 mPas

kinematic: Not determined.

- 9.2 Other information: No further relevant information available.

## SECTION 10: Stability and reactivity

- 10.1 Reactivity: Stable under normal conditions

- 10.2 Chemical stability

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

- 10.3 Possibility of hazardous reactions: No dangerous reactions known

- 10.4 Conditions to avoid: No further relevant information available.

- 10.5 Incompatible materials: Reacts with acids, alkalis and oxidizing agents

- 10.6 Hazardous decomposition products: No dangerous decomposition products known

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### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

- **LD/LC50 values that are relevant for classification:**

**Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics**

Oral	LD50	>5,000 mg/Kg (Rat)
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Dermal	LD50	>2,000 mg/Kg (Rat)
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- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

### SECTION 12: Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:**

**Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics**

LC50 (96h)	>1,000 mg/L (Fish)
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EC50 (48h)	>1,000 mg/L (Daphnia)
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- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 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 bodies or sewage system.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**  
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Non contaminated packagings can be used for recycling.

### SECTION 14: Transport information

- **UN-Number**
- **ADR, IMDG, IATA** Void

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- 14.2 UN proper shipping name - ADR, IMDG, IATA	Void
- 14.3 Transport hazard class(es) - ADR, IMDG, IATA - Class	Void
- Packing group - ADR, IMDG, IATA	Void
- 14.5 Environmental hazards:	Not applicable.
- 14.6 Special precautions for user	Not applicable.
- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.

### SECTION 15: Regulatory information

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

- Directive 2012/18/EU

- Named dangerous substances - ANNEX I None of the ingredients is listed.

- National regulations

- Classification according to VbF: Void

- Technical instructions (air):

Class	Share in %
NK	2.0

- Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

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

### SECTION 16: Other information

- Relevant phrases

H304 May be fatal if swallowed and enters airways.

- Department issuing data specification sheet: Ma-Fra Laboratories

- Contact: lab@mafra.it

- Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VbF: Verordnung über brennbare Flüssigkeiten, Österreich (Ordinance on the storage of combustible liquids, Austria)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Asp. Tox. 1: Aspiration hazard – Category 1

- \* Data compared to the previous version altered.