

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 08.07.2009

Revision: 08.07.2009

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

- **Product details**
- **Trade name:** Lusin® Clean L 101 F
- **Application of the substance / the preparation** cleaning spray
- **Manufacturer/Supplier:**
Chem-Trend (Deutschland) GmbH
Ganghoferstr. 47
D-82216 Maisach-Gernlinden
Tel.: 0049 (0) 8142417-0
Fax.: 0049 (0) 814215884
- **Further information obtainable from:**
Material Compliance Management
mcm@chemtrend.de
- **Information in case of emergency:** 0049 (0) 8142417-1169

2 Hazards identification

- **Hazard description:** Not applicable.
- **Information concerning particular hazards for human and environment:**
The product does not have 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.
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
Keep out of the reach of children
- **Classification system:**
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Active agent with propellant and solvent.

- **Dangerous components:**

CAS: 124-38-9	carbon dioxide	2.5-10%
EINECS: 204-696-9		

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

4 First-aid measures

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Wash off with soap and plenty of water.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **Information for doctor:**
- **Treatment** Treat symptomatically.

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5 Fire-fighting measures

- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards caused by the substance, its products of combustion or resulting gases:**
Carbon monoxide (CO)
Hydrocarbons
- **Protective equipment:** Do not inhale explosion gases or combustion gases.
- **Additional information** Cool endangered receptacles with water spray.

6 Accidental release measures

- **Person-related safety precautions:**
Ensure adequate ventilation
Keep away from ignition sources.
- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**
Pick up mechanically.
Dispose of the material collected according to regulations.

7 Handling and storage

- **Handling:**
- **Information for safe handling:** Ensure good ventilation/exhaustion at the workplace.
- **Information about fire - and explosion protection:** Protect from heat.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Observe official regulations on storing packagings with pressurized containers.
- **Information about storage in one common storage facility:** Store away from oxidizing agents.
- **Further information about storage conditions:**
Protect from heat and direct sunlight.
Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting.

8 Exposure controls/personal protection

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

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

124-38-9 carbon dioxide

WEL	Short-term value: 27400 mg/m ³ , 15000 ppm
	Long-term value: 9150 mg/m ³ , 5000 ppm

- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Immediately remove all soiled and contaminated clothing
Do not inhale gases / fumes / aerosols.
Avoid close or long term contact with the skin.
Be sure to clean skin thoroughly after work and before breaks.
Do not eat, drink or smoke during work time.
- **Respiratory protection:** Not required.
- **Protection of hands:** Preventive skin protection by use of skin-protecting agents is recommended.

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· **Eye protection:** Not required.

9 Physical and chemical properties

· General Information

Form:	Aerosol
Colour:	Colourless
Odour:	Product specific

· Change in condition

Boiling point/Boiling range: 227 - 230°C

· **Flash point:** 113°C

· **Ignition temperature:** 360°C

· **Vapour pressure at 20°C:** 0.1 hPa

· **Density at 20°C:** 1.064 g/cm³

· **Solubility in / Miscibility with water:** Insoluble.

· **Additional information:** Values refer to the solvent.

10 Stability and reactivity

· Thermal decomposition / conditions to be avoided:

No decomposition if used and stored according to specifications.

· Dangerous reactions

Danger of receptacles bursting because of high vapour pressure when heated.

Reacts with oxidizing agents.

· **Dangerous decomposition products:** Carbon monoxide

11 Toxicological information

· Acute toxicity:

· LD/LC50 values relevant for classification:

5989-27-5 (R)-p-mentha-1,8-diene

Oral	LD50	4400 mg/kg (rat)
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· Additional toxicological information:

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

12 Ecological information

· Ecotoxicological effects:

· **Behaviour in sewage processing plants:** The product can be mechanically separated.

· General notes:

Do not allow product to reach ground water, water course or sewage system.

The declaration of the ecology refers to the active agent.

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13 Disposal considerations

- **Product:**
- **Recommendation** Can be incinerated in accordance with local and national regulations.
- **Waste disposal key:**
For this product no waste disposal key according the European Waste Catalogue (EWC) can be determined, as only the purpose of application defined by the user enables an allocation. The waste code number has to be determined in accordance with the local waste disposer.
- **Uncleaned packaging:**
- **Recommendation:**
Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

14 Transport information

· Land transport ADR/RID (cross-border)



- **ADR/RID class:** 2 5A Gases.
- **Danger code (Kemler):** 20
- **UN-Number:** 1950
- **Packing group:** -
- **Hazard label** 2.2
- **Description of goods:** 1950 AEROSOLS

· Maritime transport IMDG:



- **IMDG Class:** 2.2
- **UN Number:** 1950
- **Label** 2.2
- **Packing group:** -
- **EMS Number:** F-D,S-U
- **Proper shipping name:** AEROSOLS

· Air transport ICAO-TI and IATA-DGR:



- **ICAO/IATA Class:** 2.2
- **UN/ID Number:** 1950
- **Label** 2.2
- **Packing group:** -
- **Proper shipping name:** AEROSOLS, non-flammable

15 Regulatory information

- **Labelling according to EU guidelines:**
The product is not subject to classification according to the calculation methods of the "General Classification Guideline for Preparations of the EU" as issued in the latest valid version.

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· Special labelling of certain preparations:

Contains (R)-p-mentha-1,8-diene. May produce an allergic reaction.

Safety data sheet available for professional user on request.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

Keep out of the reach of children

· National regulations:**· Other regulations, limitations and prohibitive regulations****· Substances of very high concern (SVHC) according to REACH, Article 57**

None of the ingredients is listed.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Department issuing MSDS:** Material Compliance Management (MCM)

· **Contact:** Tel.: +49 (0) 8142417-1136

· *** Data compared to the previous version altered.**

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