

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

- **Product identifier**
- **Trade name:** LECKSUCH-SPRAY (-15° C) - 400 ml
- **Article number:** 899 999 970
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Sector of Use**
 - SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites
 - SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
 - SU21 Consumer uses: Private households / general public / consumers
- **Application of the substance / the preparation:** in accordance with product designation
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
 - Wobst GmbH & Co. KG
 - Ursulum 16
 - D-35396 Gießen
 - Phone: 0049(0)641/94441-0
 - Fax: 0049(0)641/94441-88
 - Email: info@wobst.de
- **Further information obtainable from:** Sales department
- **Emergency telephone number:**
 - Beratungsstelle bei Vergiftungen, Mainz
 - Tel. +49(0)6131 / 19240 (24 h von Mo. – So.)

2 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** Not applicable.
- **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-lists, and extended by company and literature data.
- **Label elements**
- **Labelling according to EU guidelines:**
 - The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.
 - Observe the general safety regulations when handling chemicals.
- **Safety phrases:**
 - 2 Keep out of the reach of children.
- **Special labelling of certain preparations:**
 - 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.
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

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3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 57-55-6 EINECS: 200-338-0	propane-1,2-diol ⚠ Acute Tox. 4, H302	10-<25%
CAS: 26183-52-8 NLP: 500-046-6	Decan-1-ol, ethoxyliert (8EO) ☒ Xn R22; ☒ Xi R41 R52 ☞ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302	2,5-<3%
CAS: 124-38-9 EINECS: 204-696-9	carbon dioxide ☞ Press. Gas, H280	1-≤2,5%

- **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 eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **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 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:** Absorb liquid components with liquid-binding material.
- **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 disposal information.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling** No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:** No special measures required.

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- **Conditions for safe storage, including any incompatibilities**
- **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:** Not required.
- **Further information about storage conditions:** Recommended storage temperature: 10-30 °C.
- **Specific end 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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124-38-9 carbon dioxide

IOELV Long-term value: 9000 mg/m ³ , 5000 ppm
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- **Additional information:** The lists valid during the making were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
Wash hands before breaks and at the end of work.
- **Respiratory protection:**
Not necessary if room is well-ventilated.
Filter A
When used properly and under normal conditions, breathing protection is not required.
- **Protection of hands:** Not required.
- **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.
- **As protection from splashes gloves made of the following materials are suitable:** PVC or PE gloves
- **Eye protection:** Not required.
- **Body protection:** Light weight protective clothing

9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**

Form:	Aerosol
Colour:	Colourless
Odour:	Recognizable
Odour threshold:	Not determined.
- **pH-value at 20 °C:**

< 7
Not applicable for an aerosol *
- **Change in condition**

Melting point/Melting range: Undetermined.
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Boiling point/Boiling range:	100 °C
· Flash point:	> 100 °C
· Flammability (solid, gaseous):	Not applicable.
· Ignition temperature:	371 °C
· Decomposition temperature:	Not determined.
· Self-igniting:	Product is not selfigniting.
· Danger of explosion:	Not determined.
· Explosion limits:	
Lower:	2,6 Vol %
Upper:	12,6 Vol %
· Vapour pressure at 20 °C:	0,1 hPa
· Density at 20 °C:	0,981 g/cm ³
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not applicable.
· Solubility in / Miscibility with water:	Not miscible or difficult to mix.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· Other information	* The final mixture in the aerosol is formed only after the addition of the pressurized gas. Some data are not measurable in a hermetically sealed, pressurized container.

10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

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

57-55-6 propane-1,2-diol

Oral LD50 2000 mg/kg (rat)

Dermal LD50 20800 mg/kg (rabbit)

- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating 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 considerations

- **Waste treatment methods**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.

- **European waste catalogue**

07 06 01*	aqueous washing liquids and mother liquors
15 01 04	metallic packaging

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **UN-Number**
- **ADR, IMDG, IATA** UN1950
- **UN proper shipping name**
- **ADR** 1950 AEROSOLS
- **IMDG** AEROSOLS
- **IATA** AEROSOLS, non-flammable

- **Transport hazard class(es)**

- **ADR**




- **Class** 2 5A Gases.

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· Label	2.2
· IMDG, IATA	
	
· Class	2.2
· Label	2.2
· Packing group	
· ADR, IMDG, IATA	Void
· Environmental hazards:	
· Marine pollutant:	No
· Special precautions for user	Warning: Gases.
· Danger code (Kemler):	-
· EMS Number:	F-D,S-U
· Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	
· ADR	
· Limited quantities (LQ)	1L
· Transport category	3
· Tunnel restriction code	E

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
No further relevant information available.
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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.

- **Relevant phrases**
H280 Contains gas under pressure; may explode if heated.
H302 Harmful if swallowed.
H318 Causes serious eye damage.
- **R22 Harmful if swallowed.**
- **R41 Risk of serious damage to eyes.**
- **R52 Harmful to aquatic organisms.**
- **Department issuing MSDS:** Sales department
- **Contact:**
Frau Constanze v. Alvensleben
Produktmanager
Tel.: +49(0)641/94441-40
Fax: +49(0)641/94441-19
e-mail: ConstanzevonAlvensleben@wobst.de