

Date of issue: 24.09.2018 Replaces Data Sheet of: ---  
 "" alterations as compared to previous version; n.ap. = not applicable; n.av. = not available

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

- 1.1 **Product identifier**  
**Trade Name:** LSC-50  
**Article No.:** D1C59105  
**Preparation No.:** n.av.  
**Registration No.:** n.ap.
- 1.2 **Relevant identified uses of the substance or mixture and uses advised against**  
 Identified uses: cleaning agent, Hifi-/TV-Cleaner
- 1.3 **Details of the supplier of the safety data sheet**
- 1.3.1 **Address of the Company / Supplier:**  
 Oehlbach Kabel GmbH, Lise-Meitner-Straße 9, D- 50259 Pulheim  
 Telephone: +49-2234-807-220, Telefax: +49-2234-807-299, E-Mail: technik@oehlbach.de
- 1.3.2 **Responsible for the data sheet:**  
 CoSiChem AG, Ernst-Lemmer-Straße 23, D - 35041 Marburg, info@cosichem.de
- 1.4 **Emergency telephone number**  
 Emergency - Telephone of Company / Undertaking Information Centre Specialising in Symptoms of Poisoning  
 Telephone: +49-2234-807-0 (9:00 – 17:00) Telephone: +44 870 600 6266

**SECTION 2: Hazards identification**

- 2.1 **Classification of the substance or mixture**  
 n.ap.
- 2.2 **Label elements**  
 Classification according to 1272/2008/EC: Yes.  
 Applicable Exemptions: Yes.  
 Signal word(s): Hazard pictogram(s):  
 Component(s):  
  
**H - Phrases:**  
  
**P - Phrases:**  
 P102: Keep out of reach of children.  
 P301+P312: IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.  
  
 Additional Markings:  
 Although this product does not require a hazard warning label, we recommend that the safety advice should be observed.  
 The above mentioned labelling is valid for distribution to public use.
- 2.3 **Other hazards**  
 This mixture contains no substances which are assessed to be PBT or vPvB.

**SECTION 3: Composition/information on ingredients**

- 3.1 **Substances**  
 n.ap.
  - 3.2 **Mixtures**  
**Chemical Characterisation:**  
 Aqueous surfactant solution.  
**Dangerous Ingredients:**
- | Material                     |             |          |             | m% - range |
|------------------------------|-------------|----------|-------------|------------|
| CAS - No.                    | Index - No. | EC - No. | REACH - No. |            |
| Hazard Code(s) / H - phrases |             |          |             |            |
|                              |             |          |             |            |
|                              |             |          |             |            |

Text of H - phrases: see section 16  
 m% - range: x – y ≙ x ≥ – < y

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**SECTION 4: First aid measures**

- 4.1 **Description of first aid measures**
- 4.1.1 **Inhalation:**  
Move to fresh air in case of accidental inhalation of vapours. If symptoms persist, call a physician.
- 4.1.2 **Skin Contact:**  
Wash with water and soap as a precaution. If skin irritation persists, call a physician.
- 4.1.3 **Eye Contact:**  
Rinse immediately with plenty of water, also under the eyelids. If symptoms persist, call a physician.
- 4.1.4 **Ingestion:**  
Do not induce vomiting. Clean mouth with water and afterwards drink plenty of water.  
Consult a physician if necessary.
- 4.2 **Most important symptoms and effects, both acute and delayed**  
None.
- 4.3 **Indication of any immediate medical attention and special treatment needed**  
Treat symptomatically.

**SECTION 5: Firefighting measures**

- 5.1 **Extinguishing media**
- 5.1.1 **Suitable Extinguishing Media:**  
Use dry chemical, CO<sub>2</sub>, water spray or "alcohol" foam.
- 5.1.2 **Extinguishing Media to Avoid:**  
None.
- 5.2 **Special hazards arising from the substance or mixture**  
In the event of fire the following can be released: Carbon oxides.
- 5.3 **Advice for firefighters**
- 5.3.1 **Special Protective Equipment:**  
Wear positive pressure self-contained breathing apparatus. Wear full protective clothing.
- 5.3.2 **Additional Information:**  
Use water spray to cool unopened containers.

**SECTION 6: Accidental release measures**

- 6.1 **Personal precautions, protective equipment and emergency procedures**  
See chapter 8.2.2  
Contaminated surfaces will be extremely slippery.
- 6.2 **Environmental precautions**  
Do not empty into drains. Local authorities should be advised if significant spillages cannot be contained.
- 6.3 **Methods and material for containment and cleaning up**  
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
- 6.4 **Reference to other sections**  
None.

**SECTION 7: Handling and storage**

- 7.1 **Precautions for safe handling**
- 7.1.1 **Precautions for Safe Handling:**  
Avoid contact with skin, eyes and clothing. Take off all contaminated clothing immediately. When using do not eat or drink. Wash hands before breaks and at the end of workday.
- 7.1.2 **Precautions in Case of Fire and Explosion:**  
not required under normal use.
- 7.2 **Conditions for safe storage, including any incompatibilities**
- 7.2.1 **Storage Instructions:**  
Store in cool place.
- 7.2.2 **Store away from:**  
Incompatible with oxidizing agents.
- 7.2.3 **Further Information on Storage Conditions:**  
Protect from frost, heat and sunlight.
- 7.3 **Specific end use(s)**  
n.av.

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**SECTION 8: Exposure controls/personal protection****8.1 Control parameters**

<b>Material</b>	<b>Limit Value</b>
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**8.2 Exposure controls****8.2.1 Appropriate engineering controls**

Provide appropriate exhaust ventilation at machinery.

**8.2.2 Individual protection measures****8.2.2a Respiratory Protection:** not required under normal use.**8.2.2b Hand Protection:** Protective gloves complying with EN 374.

The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other. Request information on glove permeation properties from the glove supplier.

Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.

**8.2.2c Eye Protection:** tightly fitting safety goggles**8.2.2d Skin Protection:** protective suit**8.2.2e Further Information:** Observe wearing time limits:**8.2.3 Environmental exposure controls:**

n.av.

**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties****9.1.1 Form:** liquid                      **Colour:** colourless                      **Odour:** pleasant**Odour threshold:** n.av.**9.1.2 pH-value, undiluted:** 6 – 8

pH-value, 1% aqueous solution: n.av.

**9.1.3 Boiling point / Boiling - range (°C):** ~ 100, **Melting point / Melting range (°C):** ~ 0**9.1.4 Flash point (°C):** n.ap., closed cup**9.1.5 Flammability (EEC A10/A13):** n.ap.**9.1.6 Ignition temperature (°C):** n.av.**9.1.7 Autoflammability (EEC A16):** No.**9.1.8 Oxidising properties:** None.**9.1.9 Explosion hazard:** None.**9.1.10 Explosion limits (Vol.%) lower:** n.ap., upper: n.ap.**9.1.11 Vapour pressure:** n.av.

Vapour density (Air = 1): n.av.

**9.1.12 Density (g/ml):** ~ 1**9.1.13 Solubility (in Water):** completely miscible                      Soluble in:**9.1.14 Partition coefficient, n-Octanol / Water:** n.av.**9.1.15 Viscosity:** n.av.**9.1.16 Solvent content (m %):** n.ap.**9.1.17 Thermal decomposition (°C):** n.av.**9.1.18 Evaporation rate:** n.av.**9.2 Other information**

n.av.

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**SECTION 10: Stability and reactivity**

- 10.1 **Reactivity**  
None.
- 10.2 **Chemical stability**  
Stable under normal conditions.
- 10.3 **Possibility of hazardous reactions**  
No dangerous reaction known under conditions of normal use.
- 10.4 **Conditions to avoid**  
No special precautions required.
- 10.5 **Incompatible materials**  
Incompatible with oxidizing agents.
- 10.6 **Hazardous decomposition products**  
No decomposition if used as directed.

**SECTION 11: Toxicological information**

- 11.1 **Information on toxicological effects**  
 Acute Health Effects:  
 Inhalation: n.av.  
 Ingestion: n.av.  
 Skin Contact: n.av.  
 Skin corrosion / irritation: n.av.  
 Serious eye damage / irritation: n.av.  
 Respiratory or skin sensitisation: n.av.  
 Germ cell mutagenicity: n.av.  
 Carcinogenicity: n.av.  
 Reproductive toxicity: n.av.  
 STOT-single exposure: n.av.  
 STOT-repeated exposure: n.av.  
 Aspiration hazard: n.av.
- 11.1.1 – **Practical Experience**
- 11.1.11 n.av.
- 11.1.12 **Practical Experience**  
 Observations relevant for classification:  
 n.av.  
 Further Observations:  
 n.av.  
 Classification of the preparation has been done by calculation in accordance with EEC directives.

**SECTION 12: Ecological information**

- 12.1 **Toxicity**  
We have no quantitative data concerning the ecological effects of this product. Ecological injuries are not known or expected under normal use.
- 12.2 **Persistence and degradability**  
solution Readily biodegradable. Contained tenside is more than 60% biodegradable.
- 12.3 **Bioaccumulative potential**  
n.av.
- 12.4 **Mobility in soil**  
n.av.
- 12.5 **Results of PBT and vPvB assessment**  
This mixture contains no substances which are assessed to be PBT or vPvB.
- 12.6 **Other adverse effects**
- 12.6.1 COD-Value, mg/g: n.av.
- 12.6.2 BOD5-Value, mg/g: n.av.
- 12.6.3 AOX-Remarks: n.av.
- 12.6.4 Significant Components: None.
- 12.6.5 Other adverse effects: None.

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**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

13.1.1 Recommendation: D 10 / R 2 Waste - Code - No.: 07 06 99  
 The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.  
 In addition comply with the regional authorities.

**13.1.2 Contaminated Packaging**

Recommendation: Wash with suitable cleaner. Otherwise as described under Residues. Offer rinsed packaging material to local recycling facilities.  
 Safe Handling: As described under Residues. Handle in accordance with good industrial hygiene and safety practice.

**SECTION 14: Transport information**

	<b>ADR</b>	<b>IMDG</b>	<b>IATA</b>
14.1	Not classified as dangerous in the meaning of transport regulations.		
	<b>UN number</b>		
14.2	<b>UN proper shipping name</b>		
14.3	<b>Transport hazard class(es)</b>		
14.4	<b>Packing group</b>		
14.5	<b>Environmental hazards</b>		
14.6	<b>Special precautions for user</b>		
	Transport category: Classification Code: Hazard - No.: LQ:		Packing Instructions (Passenger) Packing Instructions (Cargo)
14.7	<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>		

**SECTION 15: Regulatory information**

- 15.1 **Safety, health and environmental regulations/legislation specific for the substance or mixture**  
n.av.
- 15.2 **Chemical safety assessment :**  
n.ap.

**SECTION 16: Other information**

**Text of H phases mentioned in Section 3**

This datasheet has been compiled in accordance with EU regulation 2015/830.  
 The statements in this Material Safety Data Sheet were made to the best of our knowledge and are as accurate as possible. They are given for information only. They do not constitute a contractual guarantee of a product's properties. They must neither be altered nor transferred to other products.



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