

Material Safety Data Sheet according to (EC) 1907/2006



Tradename:

LC-Insulating

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

1.1 Product identifier

Name of product: **LC-Insulating**

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

Use of the substance/mixture

dental use

1.3 Details of the supplier of the safety data sheet

Manufacturer / distributor

SCHEU DENTAL GmbH
Am Burgberg 20
D-58642 Iserlohn
Tel. +49 (2374) 9288-0
Fax +49 (2374) 9288-90

eMail: service@SCHEU-DENTAL.com
Internet: www.SCHEU-DENTAL.com

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Classification according to Directive 67/548/EEC or 1999/45/EC

The mixture is not classified as hazardous according to Directive 1999/45/EC.

Classification according to Regulation (EC) No 1272/2008 [CLP]

This mixture is not classified as hazardous according to Regulation (EC) No. 1272/2008

2.2 Label elements

Section 3. Composition / information on ingredients

3.2 Mixtures

Chemical characterization

paste-like composition of aliphatic hydrocarbons

Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification according to Directive 67/548/EEC	
Index No	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
REACH-No		
	Paraffin Oil	< 20 %
8042-47		
	Asp. Tox. 1; H304	

Full text of R-, H- and EUH- phrases: see Section 16.

Section 4. First aid measures

4.1 Description of first aid measures

General information

When in doubt or if symptoms are observed, get medical advice.

Never give anything by mouth to an unconscious person or a person with cramps.

After inhalation

Remove casualty to fresh air keep warm and at rest.

If breathing is irregular or stopped, administer artificial respiration.

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After contact with skin

After contact with skin, wash immediately with plenty of water and soap.

After contact with eyes

In case of contact with eyes flush immediately with plenty of water and soap.

After ingestion

If swallowed, rinse mouth with water (only if the person is conscious).

Do NOT induce vomiting.

Section 5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

alcohol resistant foam, Carbon dioxide (CO₂), Extinguishing powder, Water mist

Unsuitable extinguishing media

Full water jet

5.2 Special hazards arising from the substance or mixture

Burning produces heavy smoke.

Hazardous decomposition products: carbon black. Danger of serious damage to health by prolonged exposure. Use appropriate respiratory protection.

5.3 Advice for firefighters

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Special danger of slipping by leaking/spilling product.

Safe handling: see section 7

Personal protection equipment: see section 8

6.2 Environmental precautions

Do not allow to enter into surface water or drains.

6.3 Methods and material for containment and cleaning up

Take up mechanically.

Section 7. Handling and Storage

7.1 Precautions for safe handling

Advice on protection against fire and explosion

Keep away from sources of ignition. – No smoking.

7.2 Conditions for safe storage, including any incompatibilities

Advice on storage compatibility

Do not store together with: food

Further information on storage conditions

Keep container tightly closed in a cool, well-ventilated place. Protect from sunlight.

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Section 8. Exposure controls / personal protection

8.1 Control parameters

8.2 Exposure controls

Protective and hygiene measures

Avoid contact with eyes.

Eye/face protection

none

Hand protection

none

Skin protection

none

Respiratory protection

none

Environmental exposure controls

Do not allow to enter into surface water or drains.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	pasty
Colour	light yellow
Odour	characteristic

Changes in the physical state		Test method
Melting point	50 – 55 °C	
Flash point	> 150 °C	DIN ISO 2592
Lower explosion limits		
Upper explosion limits		
Density (at 20 °C)	0,9 g/cm ³	
Water solubility	insoluble	
Viscosity / dynamic (at 40 °C)	220 mPa·s	
Viscosity / kinematic (at 40 °C)	244 mm ² /s	

Section 10. Stability and reactivity

10.2 Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3 Possibility of hazardous reactions

Exothermic reaction with: Oxidising agent

10.4 Conditions to avoid

In case of warming: Formation of: Hazardous decomposition products

10.6. Hazardous decomposition products

Nitrogen oxides (NO_x), Carbon black, Carbon dioxide (CO₂), Carbon monoxide.

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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.

Acute toxicity

CAS No.	Chemical name				
	Exposure routes	Method	Dose	Species	Source
8042-47-5	Paraffin Oil				
	oral	LD50	>5000 mg/kg	Rat	OECD 401
	dermal	LD50	>2000 mg/kg	Rabbit	OECD 402
	inhalative (4 h) vapour	LC50	>5000 mg/l	Rat	OECD 403

Irritation and corrosivity

Based on available data, the classification criteria are not met.

Sensitising effects

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

Severe effects after repeated or prolonged exposure

Based on available data, the classification criteria are not met.

Carcinogenic / mutagenic / toxic / effects for reproduction

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

Poorly biodegradable

CAS No	Chemical name						
	Aquatic toxicity	Method	Dose	[h]	[d]	Species	Source
8042-47-5	Paraffin Oil						
	Acute fish toxicity	LC50	>1000 mg/l	96 h		Leuciscus idus (golden orfe)	

Further information

There are no data available on the mixture itself.
Do not allow to enter into surface water or drains.

Section 13. Disposal considerations

13.1 Waste treatment methods

Advice on disposal

Do not allow to enter into surface water or drains.
Dispose according to legislation.

Contaminated packaging

Completely emptied packages can be recycled.
Dispose according to legislation.

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Section 14. Transport Information

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No applicable

Section 15. Regulatory Information

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

National regulatory information

Additional Information

Observe in addition any national regulations!

Section 16. Other Information

Relevant H- and EUH-phrases (Number and full text)

H304	May be fatal if swallowed and enters airways.
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Further information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.