

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

Tradename:

LC-Insulation

Status: 09.03.2023

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SECTION 1: Identification of the substance/preparation and of the company/undertaking**1.1. Product identifier**

Name of product: LC-Insulation

UFI:

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.comInternet: www.SCHEU-DENTAL.com**1.4. Emergency telephone number:** +49 (2374) 9288-0**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

This mixture is not classified as hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements**Classification according to Regulation (EC) No. 1272/2008 [CLP]****Special labelling of certain mixtures**

EUH210 Safety data sheet available on request.

SECTION 3: Composition / information on ingredients**3.2. Mixtures****Chemical characterisation:**

paste-like composition of aliphatic hydrocarbons

Hazardous components

EC No	Chemical name	Quantity
CAS No.	Einstufung gemäß Verordnung (EG) Nr. 1272/2008(CLP)	
Index No		
REACH No		
	Paraffin Oil	< 20 %
8042-47-5	Asp. Tox. 1; H304	

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
8042-47-5		Paraffin Oil	< 20 %
		inhalation: LC50 = > 5000 mg/l (vapours); dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 5000 mg/kg	

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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 and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration.
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 flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.
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

General advice

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

Other information

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.

Advice on general occupational hygiene

Avoid contact with eyes.

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7.2. Conditions for safe storage, including any incompatibilities**Hints on joint storage**

Do not store together with: food

Further information on storage conditions

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

SECTION 8: Exposure controls / personal protection**8.1. Control parameters****8.2. Exposure controls**

Individual protection measures, such as personal protective equipment

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****Appearance**

Physical state:	pasty
Colour:	light yellow
Odour:	characteristic

Safety relevant basis data

	Parameter	Value	Unit	Remark
Melting point/freezing point:		50 - 55	°C	
Flash point: (ISO 2592)		> 150	°C	
Viscosity, dynamic:	at 40 °C	220	mmPa*s	
Viscosity, kinematic:	at 40 °C	244	mm ² /s	
Water solubility (g/l):				The study does not need to be conducted because the substance is known to be insoluble in water.
Density:	at 20 °C	0,9	g/cm ³	

9.2. Other information

Product has not been tested. The statement is derived from the properties of the components.

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

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10.4. Conditions to avoid

In case of warming: Formation of: Hazardous decomposition products

10.6. Hazardous decomposition products

Nitrogen oxides (NOx), carbon black, Carbon dioxide (CO₂), Carbon monoxide

SECTION 11: Toxicological Information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

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

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
8042-47-5	Paraffin Oil				
	oral	LD50 > 5000 mg/kg	Rat	OECD 401	
	dermal	LD50 > 2000 mg/kg	Rabbit	OECD 402	
	inhalation (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.

Carcinogenic/mutagenic/toxic effects for reproduction

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.

11.2. Information on other hazards

Further information:

Product has not been tested. The statement is derived from the properties of the components.

SECTION 12: Ecological Information

12.1. Toxicity

Poorly biodegradable

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
8042-47-5	Paraffin Oil					
	Acute fish toxicity	LC 50 > 1000 mg/l	96 h	Leuciscus idus (golden orfe)		

12.5. Results of PBT an vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Endocrine disruptive effect

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

Further information

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

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

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.

SECTION 14: Transport Information

Land transport (ADR/RID)

14.1. UN number:	No hazardous material according to transport regulations.
14.2. UN proper shipping name:	
14.3. Transport hazard class(es):	
14.4. Packing group:	
Hazard label:	
Classification code:	
Special Provisions:	
Limited quantity:	
Transport category:	
Hazard No:	
Tunnel restriction code:	
Other applicable information (land transport)	

Inland waterways transport (ADN)

14.1. UN number:	No hazardous material according to transport regulations.
14.2. UN proper shipping name:	
14.3. Transport hazard class(es):	
14.4. Packing group:	
Hazard label:	
Classification code:	
Spezial Provisions:	
Limited quantity:	
Other applicable information (inland waterways transport)	

Marine transport (IMDG)

14.1. UN number:	No hazardous material according to transport regulations.
14.2. UN proper shipping name:	
14.3. Transport hazard class(es):	
14.4. Packaging group:	
Hazard label:	
Special Provisions::	
Limited quantity:	
EmS:	
Other applicable information (marine transport):	

Air transport (ICAO)

14.1. UN number:	No hazardous material according to transport regulations.
14.2. UN proper shipping name:	
14.3. Transport hazard class(es):	
14.4. Packaging group:	
Hazard label:	
Special Provisions:	
Limited quantity Passenger:	
IATA-packing instructions - Passenger:	
IATA-max. quantity - Passenger:	
IATA-packing instructions - Cargo:	
IATA-max. quantity - Cargo:	
Other applicable information (air transport)	
Passenger-LQ:	

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14.5. Environmental hazards

ADR/RID / IMDG / ICAO-TI / IATA-DGR: no

Marine pollutant: no

14.6. Special precautions for user

No dangerous good in sense of these transport regulations.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory Information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 75

National regulatory information

Additional information

Observe in addition any national regulations!

SECTION 16: Other Information

Relevant H and EUH statements (number and full text)

H304 May be fatal if swallowed and enters airways.

EUH210 Safety data sheet available on request.

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.