

# SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006

## Carmalit

Version number: 3

Issued: 2022-12-13

Replaces SDS: 2018-03-28

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

#### 1.1. Product identifier

**Trade name**

Carmalit

**Article No.**

55454, 60086

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

**Product type**

Special lubricant for woodworking machines.

#### 1.3. Details of the supplier of the safety data sheet

**Supplier**

LSAB Sverige Produktion AB

Street address

Svinöhed 415

776 73 Långshyttan

Sweden

Telephone

0225-62000

Web site

[www.lsab.se](http://www.lsab.se)

**Manufacturer**

Clemondo AB

Street address

Box 13073

250 13 HELSINGBORG

Sweden

Telephone

+46 42 25 67 00

Email

[info@clemondo.se](mailto:info@clemondo.se)

Web site

[www.clemondo.se](http://www.clemondo.se)

#### 1.4. Emergency telephone number

0344 892 0111 - National Poisons Information Service

**Available outside office hours**

Yes

# SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006

## Carmalit

Version number: 3  
Issued: 2022-12-13  
Replaces SDS: 2018-03-28

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

##### **Classification**

Aspiration hazard, hazard category 1

##### **Hazard statements**

H304

#### 2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

##### **Hazard pictograms**



##### **Signal word**

Danger

##### **Hazard statements**

H304 May be fatal if swallowed and enters airways.

##### **Precautionary statements**

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P331 Do NOT induce vomiting.

P261 Avoid breathing vapor/spray.

P264 Wash hands thoroughly after handling.

P501 Dispose of contents/container to approved collection point for hazardous waste in accordance with local and national regulations..

##### **More information**

Contains: Hydrocarbons, C 11 -C 14, n-alkanes, isoalkanes, cyclic, <2% aromatics

#### 2.3. Other hazards

The product does not contain PBT or vPvB substances.

# SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006

## Carmalit

Version number: 3

Issued: 2022-12-13

Replaces SDS: 2018-03-28

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

Chemical name	CAS No. EC No. REACH No. Index No.	Concentration	Classification	H-phrase M factor acute M factor chronic	Note
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	- 926-141-6 01-2119456620-43 -	60 - 100%	Asp. Tox. 1	H304, EUH066 - -	-
White mineral oil (petroleum)	8042-47-5 232-455-8 01-2119487078-27 -	1 - 5%	Asp. Tox. 1	H304 - -	-

#### **Substance additional information**

Ingredient petroleum solvent contains <0.1% Benzene, which means that it is not classified as carcinogenic or mutagenic.

For the complete text of H- / EUH-statements mentioned in this section, see section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### **Inhalation**

Fresh air. Get medical attention if any discomfort continues.

##### **Skin contact**

Wash skin thoroughly with soap and water. If symptoms persist, call a physician.

##### **Eye contact**

Rinse with lukewarm water. If symptoms persist, call a physician.

##### **Ingestion**

Administer cream or cooking oil. Do not give anything to drink on unconsciousness. Do not induce vomiting. In the event of vomiting, hold the head low so that the contents of the stomach do not make their way down into the lungs. Call a physician immediately. Aspiration into the lungs during vomiting or ingestion can result in chemical pneumonia.

##### **Information for doctors**

In case of contact with a doctor, show safety data sheet or label.

#### 4.2. Most important symptoms and effects, both acute and delayed

May be fatal if swallowed and enters airways. Chemical pneumonia may set in within 24 hours.

Degreases and dries the skin. Repeated exposure may cause skin dryness or cracking.

# SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006

## Carmalit

Version number: 3  
Issued: 2022-12-13  
Replaces SDS: 2018-03-28

### 4.3. Indication of any immediate medical attention and special treatment needed

No information available.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Fire can be extinguished with powder, foam or carbon dioxide.

#### Unsuitable extinguishing media

Avoid powerful jets of water directly at the fire. Risk of the fire spreading.

### 5.2. Special hazards arising from the substance or mixture

The product can ignite when heated to temperatures at or in excess of the flash point. Carbon oxides are emitted in a fire.

### 5.3. Advice for firefighters

#### Special protective equipment for fire-fighters

Use portable breathing equipment when the product is involved in a fire.

#### Measures in case of fire

General: Evacuate all personnel, use protective equipment for fire fighting.

### Other

Containers close to fire should be removed or cooled with water.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Wear suitable protective equipment. See section 8.

### 6.2. Environmental precautions

Prevent discharges into the sewage system, watercourses or ground. Notify the responsible authority in the event of contamination of soil or water, or discharges into sewage systems.

### 6.3. Methods and material for containment and cleaning up

Absorb into an inert material (sand, vermiculite, etc.) and collect in suitable containers. Sent for destruction. Minor spillage should be mopped up.

### 6.4. Reference to other sections

See Section 13 for disposal information.

# Carmalit

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### **Preventive handling precautions**

Avoid contact with the skin and the eyes. Avoid inhaling vapour/aerosol/mist. Splashed clothes are removed and washed before being used again.

#### **General hygiene**

Wash hands before breaks, before using restroom facilities, and at the end of work. Do not eat, drink or smoke when using the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in the original package. Keep away from food, feed, fertilizer and similar substances. Protected from moisture.

Do not store with the following: Strong oxidising agents

### 7.3. Specific end use(s)

Restricted to professional users.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No data available

### 8.2. Exposure controls

#### **Appropriate engineering controls**

Make sure the ventilation is good.

#### **Eye / face protection**

If risk of splashing, wear safety goggles or face shield.

#### **Hand protection**

Protective gloves should be worn in the event of repeated or prolonged skin contact. Type of material: Nitrile rubber. The penetration time has not been determined for the product. Change gloves often.

#### **Other skin protection**

Use suitable protective clothing, as necessary.

#### **Respiratory protection**

In case of insufficient ventilation, wear suitable respiratory equipment. Respirator with combined gas/particle filter (A/P3).

# Carmalit

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**Physical state**

Low viscosity liquid.

**Colour**

Colourless, clear

**Odour**

solvent

**Melting point / freezing point**

< 0 °C

**Boiling point or initial boiling point and boiling range**

180 - 270 °C

**Flammability**

No data available

**Lower and upper explosion limit**

0.6 - 7 %

**Method**

vol. %

**Flash point**

> 70 °C

**Auto-ignition temperature**

> 200 °C

**Decomposition temperature**

No data available

**pH**

No data available

**Kinematic viscosity**

< 20 mm<sup>2</sup>/s

**Solubility**

miscible with most organic solvents

**Water solubility**

Insoluble in water.

**Partition coefficient n-octanol/water**

No data available

**Vapour pressure**

No data available

# SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006

## Carmalit

Version number: 3

Issued: 2022-12-13

Replaces SDS: 2018-03-28

### Density and/or relative density

0.81 g/cm<sup>3</sup>

#### Method

20°C.

### Relative vapour density

No data available

## 9.2. Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable at normal conditions.

### 10.2. Chemical stability

Stable under recommended storage and handling conditions.

### 10.3. Possibility of hazardous reactions

No hazardous reactions known.

### 10.4. Conditions to avoid

Avoid heat, sparks and open flame.

### 10.5. Incompatible materials

Avoid contact with strong oxidizing agents.

### 10.6. Hazardous decomposition products

Carbon oxides are emitted in a fire.

## SECTION 11: Toxicological information

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

#### Acute toxicity

In case of ingestion: May cause irritation to mucous membranes, nausea and vomiting.

IF INHALED: Exposure to solvent vapours and spraying mist may cause headaches, dizziness, tiredness and nausea.

Product / Substance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Duration of exposure	Test animals	Method / Guideline
Hydrocarbons, C11-C14, n-	LD50	> 5000 mg/kg	Oral	-	Rat	OECD 401

# SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006

Version number: 3

Issued: 2022-12-13

Replaces SDS: 2018-03-28

## Carmalit

Product / Substance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Duration of exposure	Test animals	Method / Guideline
alkanes, isoalkanes, cyclics, <2% aromatics / 926-141-6						
Hydrocarbons, C11-C14, n- alkanes, isoalkanes, cyclics, <2% aromatics / 926-141-6	LD50	> 5000 mg/kg	Dermal	24h	Rabbit	OECD 402
Hydrocarbons, C11-C14, n- alkanes, isoalkanes, cyclics, <2% aromatics / 926-141-6	LC50	> 5000 mg/m3	Inhalation	4h	Rat	OECD 403
White mineral oil (petroleum) 8042-47-5 / 232- 455-8	LD50	5000 mg/kg	Oral	-	Rat	-
White mineral oil (petroleum) 8042-47-5 / 232- 455-8	LD50	2000,1 mg/kg	Dermal	-	Rabbit	-
White mineral oil (petroleum) 8042-47-5 / 232- 455-8	LC50	5000 mg/l vapours	Inhalation	-	Rat	-

### **Skin corrosion/irritation**

Degreases and dries the skin. Repeated exposure may cause skin dryness or cracking. Based on available data, the classification criteria are not met.

### **Serious eye damage/irritation**

May cause burning and tearing. Based on available data, the classification criteria are not met.

### **Respiratory or skin sensitisation**

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

### **Germ cell mutagenicity**

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



# SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006

## Carmalit

Version number: 3  
Issued: 2022-12-13  
Replaces SDS: 2018-03-28

### Carcinogenicity

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

### Reproductive toxicity

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

May cause chemical pneumonia associated with ingestion or vomiting.

## 11.2. Information on other hazards

### Endocrine disrupting properties

The product does not contain any known or suspected endocrine disruptors.

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Acute fish toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics / 926-141-6	LC50	> 1000 mg/l	96h	Rainbow trout	OECD 203
White mineral oil (petroleum) 8042-47-5 / 232-455-8	LC50	>100 mg/l	96h	Rainbow trout	OECD Test Guideline 203
White mineral oil (petroleum) 8042-47-5 / 232-455-8	LC50	>1000 mg/l	96h	Golden orfe	OECD Test Guideline 203

#### Acute algae toxicity

# SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006

## Carmalit

Version number: 3

Issued: 2022-12-13

Replaces SDS: 2018-03-28

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics / 926-141-6	EC50	> 1000 mg/l	72h	Scenedesmus subspicatus (alga)	OECD 201
White mineral oil (petroleum) 8042-47-5 / 232-455-8	NOEL	>=100 mg/l	72h	Pseudokirchneriella subcapitata (green algae).	OECD Test Guideline 201

### Acute crustacean toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics / 926-141-6	EC50	> 1000 mg/l	48h	Daphnia magna	OECD 202
White mineral oil (petroleum) 8042-47-5 / 232-455-8	LL50	>100 mg/l	48h	Daphnia magna	OECD Test Guideline 202

### 12.2. Persistence and degradability

Expected to be easily biodegradable.

Product / Substance name CAS / EC no.	Type of test	Duration	Result	Degradation	Method / Guideline
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics / 926-141-6	BOD	-	Readily biodegradable.	> 60%	-
White mineral oil (petroleum) 8042-47-5 / 232-455-8	-	28 days	31,3%	Inherently biodegradable.	OECD TG 301F

### 12.3. Bioaccumulative potential

Contains components that can bio-accumulate.

# SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006

## Carmalit

Version number: 3

Issued: 2022-12-13

Replaces SDS: 2018-03-28

Product / Substance name CAS / EC no.	LogKow / LogPow	Result
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics / 926-141-6	6-8,2	Bioaccumulation is expected.
White mineral oil (petroleum) 8042-47-5 / 232-455-8	>3,5 ( estimated )	Potential bioaccumulation.

### 12.4. Mobility in soil

#### Mobility

No information available

### 12.5. Results of PBT and vPvB assessment

The product does not contain PBT or vPvB substances.

### 12.6. Endocrine disrupting properties

The product does not contain any known or suspected endocrine disruptors.

### 12.7. Other adverse effects

No data available

### Other

Not regarded as dangerous for the environment. This assessment is based on the properties of the individual components.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Disposal considerations

Residue and used product that cannot be reused must be handled as hazardous waste. Local provisions and EU provisions must be followed during waste handling. Consult local authorities when handling waste.

#### Packaging

Empty containers are disposed of as hazardous waste.

Waste code	Waste description
07 06 04*	other organic solvents, washing liquids and mother liquors

Please note - an asterisk (\*) next to a code denotes that it is HAZARDOUS WASTE.

### Other

EWC-code: Depends on business area and use. The code for the waste (EWC code) are indicative. Appropriate classification of waste is the user's responsibility.

# SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006

## Carmalit

Version number: 3

Issued: 2022-12-13

Replaces SDS: 2018-03-28

### SECTION 14: Transport information

**14.1. UN number**

Not applicable

**14.2. UN proper shipping name**

Not applicable

**14.3. Transport hazard class(es)**

Not applicable

**14.4. Packing group**

Not applicable

**14.5. Environmental hazards**

Not applicable

**14.6. Special precautions for user**

Not applicable

**14.7. Maritime transport in bulk according to IMO instruments**

Not applicable

### SECTION 15: Regulatory information

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

**EU regulations**

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 concerning the classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548 / EEC and 1999/45 / EC and amending Regulation (EC) No. 1907/2006.

**National regulations**

EH40/2005 Workplace exposure limits as amended

Control of Substances Hazardous to Health Regulations (COSHH)

The GB Classification Labelling and Packaging Regulation (GB CLP) - Retained CLP Regulation (EU) No. 1272/2008 as amended for Great Britain

UK Statutory Instrument 2021 No. 904 The REACH etc. (Amendment) Regulations 2021

**15.2. Chemical safety assessment**

A chemical safety assessment has not been performed.

### SECTION 16: Other information

**Changes to previous revision**

2, 8, 11, 12, 15, 16

# SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006

## Carmalit

Version number: 3

Issued: 2022-12-13

Replaces SDS: 2018-03-28

### **Abbreviations**

PBT: Persistent, Bioaccumulative and Toxic.

vPvB: very Persistent and very Bioaccumulative.

DNEL: Derived level without observed effects.

PNEC: Presumed concentration without observed effects.

LD50: Lethal dose, the dose that kills 50% of a population.

LC50: Lethal concentration for 50% of a test population.

EC50: The concentration of a substance that affects 50% of a population over a given period of time.

LL50: a statistically or graphically estimated loading rate of test material that is expected to be lethal to 50% of a representative subpopulation of the aquatic organisms under specified conditions for a specific time.

NOEL: No observed effect level

### **Evaluation methods for classification**

Calculation based on the risks of known components.

### **Phrase meaning**

Asp. Tox. 1 - Aspiration hazard, hazard category 1

H304 May be fatal if swallowed and enters airways.

EUH066 Repeated exposure may cause skin dryness or cracking.