

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

### 1.1. Product identifier

Product form : Mixture  
Product name : Klinker- & Cotto-Öl

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

#### 1.2.1. Relevant identified uses

Intended for general public  
Main use category : Consumer use, Professional use  
Use of the substance/mixture : Cleaning/washing agents and additives

#### 1.2.2. Uses advised against

No additional information available

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

#### Manufacturer

Knauf Bauprodukte GmbH & Co. KG  
Am Bahnhof 7  
P.O. Box 10  
97346 Iphofen - Deutschland  
T +49 9323 31-0 - F +49 9323 31-323  
[www.knauf-bauprodukte.de](http://www.knauf-bauprodukte.de)  
E-mail address of competent person responsible for the SDS : [sds-info@knauf.de](mailto:sds-info@knauf.de)

#### Technical information

Technical information service Knauf Bauprodukte  
T +49 (0) 1805/31-9000 (0,14 €/Min. aus dem deutschen Festnetz,  
Mobilfunk max. 0,42€/Min. möglich)  
[KnaufBP-Direkt@Knauf-Bauprodukte.de](mailto:KnaufBP-Direkt@Knauf-Bauprodukte.de)

### 1.4. Emergency telephone number

No additional information available

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

Asp. Tox. 1 H304

Full text of hazard classes and H-statements : see section 16

#### Adverse physicochemical, human health and environmental effects

May be fatal if swallowed and enters airways.

### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP] Extra labelling to display Extra classification(s) to display

Hazard pictograms (CLP) :



GHS08

Signal word (CLP) : Danger  
Hazardous ingredients : white mineral oil (petroleum)  
Hazard statements (CLP) : H304 - May be fatal if swallowed and enters airways.  
Precautionary statements (CLP) : P102 - Keep out of reach of children.  
P233 - Keep container tightly closed.  
P234 - Keep only in original packaging.  
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER, a doctor.  
P331 - Do NOT induce vomiting.  
P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.  
Extra phrases : Regulation (EC) No. 648/2004 of 31 March 2004 on detergents  
>= 30 % aliphatic hydrocarbons  
VOC content: 0,15 % (1,275 g/l)

### 2.3. Other hazards

PBT: not relevant – no registration required

vPvB: not relevant – no registration required

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

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
white mineral oil (petroleum)	(CAS-No.) 8042-47-5 (EC-No.) 232-455-8 (REACH-no) 01-2119487078-27	≤ 100	Asp. Tox. 1, H304

Full text of H-statements: see section 16

## **SECTION 4: First aid measures**

### 4.1. Description of first aid measures

First-aid measures after inhalation	: Remove the victim into fresh air. If breathing stops, give artificial respiration. If experiencing respiratory symptoms: Call a poison center or a doctor.
First-aid measures after skin contact	: Wash skin with plenty of water. Take off immediately all contaminated clothing and wash it before reuse. In all cases of doubt, or when symptoms persist, seek medical attention.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Consult an eye specialist.
First-aid measures after ingestion	: If swallowed, rinse mouth with water (only if the person is conscious). Do NOT induce vomiting. Get medical advice/attention.

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

Symptoms/effects after ingestion : Aspiration hazard.

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

Treat symptomatically.

## **SECTION 5: Firefighting measures**

### 5.1. Extinguishing media

Suitable extinguishing media : Adapt extinguishing media to the environment. Water spray.

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

Explosion hazard	: Vapours may form explosive mixture with air.
Hazardous decomposition products in case of fire	: Carbon oxides (CO, CO <sub>2</sub> ). irritating vapours are released. fume.

### 5.3. Advice for firefighters

Protection during firefighting	: Self-contained breathing apparatus.
Other information	: Use water spray or fog for cooling exposed containers. Use water spray to disperse the vapours. Collect contaminated extinguishing water separately and must not enter the sewage system. Do not allow run-off from fire fighting to enter drains or water courses.

### SECTION 6: Accidental release measures

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

General measures : Ensure adequate air ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothing. Wear personal protective equipment.

##### 6.1.1. For non-emergency personnel

No additional information available

##### 6.1.2. For emergency responders

No additional information available

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters.

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

For containment : Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Disposal must be done according to official regulations.

#### 6.4. Reference to other sections

7.1. Precautions for safe handling. For further information refer to section 13. 8. Exposure controls/personal protection.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Do not breathe gas/fumes/vapour/spray. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharges.

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

Storage conditions : Store tightly closed in a dry and cool place. Use appropriate ventilation. Store in a place accessible by authorised persons only.

Information on mixed storage : Do not store with: Strong oxidizing agents.

#### 7.3. Specific end use(s)

Washing and cleaning products (including solvent based products).

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Exposure controls

##### Appropriate engineering controls:

If handled uncovered, arrangements with local exhaust ventilation have to be used.

##### Personal protective equipment:

Wear suitable protective clothing.

##### Hand protection:

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Chemically resistant protective gloves					

##### Eye protection:

Type	Use	Characteristics	Standard
Safety glasses with side shields, Face shield	If mist is formed : Sealed safety goggles		

##### Skin and body protection:

Wear suitable protective clothing

### Respiratory protection:

Wear suitable respiratory equipment in case of insufficient ventilation



### Environmental exposure controls:

Be careful of explosion risk.

### Consumer exposure controls:

Do not breathe gas/fumes/vapour/spray.

### Other information:

Do not eat, drink or smoke when using this product. Take off immediately all contaminated clothing. Wash hands before breaks and after work. Observe skin protection plan. Apply skin care products, in particular after work.

## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Colour	: Colourless.
Odour	: characteristic.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: < 20 °C
Freezing point	: No data available
Boiling point	: > 150 °C
Flash point	: 198 °C DIN EN ISO 13736
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: < 0,1 hPa at 20 °C
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 0,85 g/cm <sup>3</sup>
Solubility	: Insoluble in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: 19 mm <sup>2</sup> /s
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: Non oxidizing.
Explosive limits	: No data available

### 9.2. Other information

VOC content : 0,15 % (1,275 g/l)

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions of use.

### 10.3. Possibility of hazardous reactions

Vapours may form explosive mixture with air.

### 10.4. Conditions to avoid

Overheating. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

### 10.5. Incompatible materials

Strong oxidizers.

### 10.6. Hazardous decomposition products

No hazardous decomposition products known.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified  
Additional information : Classified as dangerous according to the criteria of Regulation (EC) No 1272/2008

white mineral oil (petroleum) (8042-47-5)	
LD50 oral rat	> 5000 mg/kg bodyweight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral)
LD50 dermal rabbit	> 2000 mg/kg bodyweight (Equivalent or similar to OECD 402, 24 h, Rabbit, Male / female, Experimental value, Dermal)
LC50 Inhalation - Rat	> 5 mg/l (Equivalent or similar to OECD 403, 4 h, Rat, Male / female, Experimental value, Inhalation (aerosol))
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: May be fatal if swallowed and enters airways.
Klinker- & Cotto-Öl	
Viscosity, kinematic	19 mm <sup>2</sup> /s

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Not classified as dangerous for the environment according to the criteria of Regulation (EC) No 1272/2008.

white mineral oil (petroleum) (8042-47-5)	
LC50 fish 1	> 100 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value, Nominal concentration)

### 12.2. Persistence and degradability

Klinker- & Cotto-Öl	
Persistence and degradability	This material has not been tested for environmental effects.
white mineral oil (petroleum) (8042-47-5)	
Persistence and degradability	Not readily biodegradable in water.

### 12.3. Bioaccumulative potential

Klinker- & Cotto-Öl	
Bioaccumulative potential	No bioaccumulation data available.
white mineral oil (petroleum) (8042-47-5)	
Partition coefficient n-octanol/water (Log Pow)	> 6 (Calculated)
Bioaccumulative potential	High potential for bioaccumulation (Log Kow > 5).

### 12.4. Mobility in soil

Klinker- & Cotto-Öl	
Ecology - soil	This material has not been tested for environmental effects.

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according to Regulation (EU) 2015/830

<b>white mineral oil (petroleum) (8042-47-5)</b>	
Ecology - soil	Adsorbs into the soil.

### 12.5. Results of PBT and vPvB assessment

<b>Klinker- &amp; Cotto-Öl</b>	
PBT: not relevant – no registration required	
vPvB: not relevant – no registration required	
<b>Component</b>	
white mineral oil (petroleum) (8042-47-5)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### 12.6. Other adverse effects

Other adverse effects : No supplementary information available.  
Additional information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations.  
Sewage disposal recommendations : Do not allow into drains or water courses.  
Product/Packaging disposal recommendations : Disposal must be done according to official regulations. Dirty containers cannot be handled as normal waste.  
Additional information : This material and its container must be disposed of as hazardous waste.  
European List of Waste (LoW) code : 20 01 26\* - oil and fat other than those mentioned in 20 01 25  
15 01 10\* - packaging containing residues of or contaminated by dangerous substances

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.2. UN proper shipping name</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.4. Packing group</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

### 14.6. Special precautions for user

#### - Overland transport

Not applicable

#### - Transport by sea

Not applicable

#### - Air transport

Not applicable

#### - Inland waterway transport

Not applicable

#### - Rail transport

Not applicable

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

VOC content : 0,15 % (1,275 g/l)

Other information, restriction and prohibition regulations : Detergent Regulation (648/2004/EC).

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

This safety data sheet replaces the previous version of 2017/11/22. The following changes were made:

Indication of changes:			
Section	Changed item	Change	Comments
1.2	Intended for general public	Added	
1.2	Main use category	Added	
1.2	Use of the substance/mixture	Modified	
2.2	Precautionary statements (CLP)	Modified	
4.1	First-aid measures after ingestion	Modified	
4.1	First-aid measures after skin contact	Modified	
4.1	First-aid measures after inhalation	Modified	
5.1	Suitable extinguishing media	Modified	
5.2	Hazardous decomposition products in case of fire	Added	
5.3	Other information	Modified	
6.2	Environmental precautions	Modified	
7.1	Precautions for safe handling	Modified	
7.2	Information on mixed storage	Added	
7.2	Storage conditions	Modified	
8.2	Environmental exposure controls	Added	
8.2	Other information	Modified	
9.1	Vapour pressure	Modified	
9.1	Boiling point	Modified	
9.2	VOC content	Modified	
10.3	Possibility of hazardous reactions	Modified	
10.4	Conditions to avoid	Modified	
10.5	Incompatible materials	Modified	
15.1	VOC content	Modified	

Full text of H- and EUH-statements:

Asp. Tox. 1	Aspiration hazard, Category 1
H304	May be fatal if swallowed and enters airways.

# Klinker- & Cotto-Öl

## Safety Data Sheet



according to Regulation (EU) 2015/830

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*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*