

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : Minerol  
Product code : 10499\_0010

#### 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 : Paint

##### 1.2.2. Uses advised against

No additional information available

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

**Manufacturer** Knauf Gips KG  
Am Bahnhof, 7  
DE- 97346 Iphofen – Bayern  
Germany  
T 09323/31-0 - F 09323/31-277  
[zentrale@knauf.de](mailto:zentrale@knauf.de) - [www.knauf.de](http://www.knauf.de)  
E-mail address of competent person responsible for the SDS : [sds-info@knauf.com](mailto:sds-info@knauf.com)

Technical information service  
T +49 (0)9001/31-2000 (see section 16)  
[knauf-direkt@knauf.de](mailto:knauf-direkt@knauf.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]

Aquatic Chronic 3 H412

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

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

No additional information available

#### 2.2. Label elements

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

Signal word (CLP) : -  
Hazard statements (CLP) : H412 - Harmful to aquatic life with long lasting effects.  
Precautionary statements (CLP) : P102 - Keep out of reach of children.  
P260 - Do not breathe dusts or mists.  
P262 - Do not get in eyes, on skin, or on clothing.  
P273 - Avoid release to the environment.  
EUH-statements : EUH208 - Contains 2-octyl-2H-isothiazol-3-one. May produce an allergic reaction.  
EUH210 - Safety data sheet available on request.  
EUH211 - Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.  
Extra phrases : Treated article according to Regulation (EU) No 528/2012 to ensure the stability and shelf life.

# Minerol

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Contains pyrithione zinc (13463-41-7), terbutryn (886-50-0).  
MAXIMUM VOC CONTENT LIMIT VALUES FOR PAINTS AND VARNISHES. Product  
Subcategory: c (Type: WB): 40 g/l.  
VOC content: < 0,1 % (< 1 g/l).

### 2.3. Other hazards

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

Component	
quartz, conc respirable crystalline silica<1% (14808-60-7)	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
cristobalite, conc respirable crystalline silica $\geq 10\%$ (14464-46-1)	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
2-octyl-2H-isothiazol-3-one (26530-20-1)	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
pyrithione zinc (13463-41-7)	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

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## 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]
quartz, conc respirable crystalline silica<1% substance with a Community workplace exposure limit	CAS-No.: 14808-60-7 EC-No.: 238-878-4	< 10	Not classified
cristobalite, conc respirable crystalline silica $\geq 10\%$ substance with a Community workplace exposure limit	CAS-No.: 14464-46-1 EC-No.: 238-455-4	< 1,5	STOT RE 1, H372
terbutryn (Active substance (Biocide))	CAS-No.: 886-50-0 EC-No.: 212-950-5	< 0,1	Acute Tox. 4 (Oral), H302 Skin Sens. 1B, H317 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100)
2-octyl-2H-isothiazol-3-one (Active substance (Biocide))	CAS-No.: 26530-20-1 EC-No.: 247-761-7 EC Index-No.: 613-112-00-5	< 0,1	Acute Tox. 2 (Inhalation), H330 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Oral), H301 Skin Corr. 1, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100)

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
pyrithione zinc (Active substance (Biocide))	CAS-No.: 13463-41-7 EC-No.: 236-671-3 EC Index-No.: 613-333-00-7	< 0,1	Repr. 1B, H360D Acute Tox. 2 (Inhalation), H330 Acute Tox. 3 (Oral), H301 STOT RE 1, H372 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=1000) Aquatic Chronic 1, H410 (M=10)

Specific concentration limits:		
Name	Product identifier	Specific concentration limits
2-octyl-2H-isothiazol-3-one (Active substance (Biocide))	CAS-No.: 26530-20-1 EC-No.: 247-761-7 EC Index-No.: 613-112-00-5	( 0,0015 ≤C ≤ 100) Skin Sens. 1A, H317

Full text of H- and EUH-statements: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general	: Remove contaminated clothing and shoes.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.
First-aid measures after skin contact	: Rinse and then wash skin thoroughly with water and soap. Do not use solvents or thinners.
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: Get medical advice/attention.
First-aid measures after ingestion	: Rinse mouth thoroughly with water. Drink plenty of water. Get medical advice/attention.

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

No additional information available

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

No additional information available

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media	: The product is not flammable. Adapt extinguishing media to the environment for surrounding fires. Water spray. Foam. Dry powder. Carbon dioxide.
Unsuitable extinguishing media	: Strong water jet.

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

No additional information available

#### 5.3. Advice for firefighters

Protection during firefighting	: Self-contained breathing apparatus. Complete protective clothing.
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### SECTION 6: Accidental release measures

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

General measures	: Ensure adequate air ventilation.
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according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### 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. Avoid release to the environment. Notify authorities if liquid enters sewers or 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.

Other information : Spill area may be slippery.

## 6.4. Reference to other sections

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

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin and eyes. Do not breathe gas/fumes/vapour/spray. When spraying avoid inhalation of the aerosol. Ventilate the area thoroughly. Prohibit unauthorized persons.

Hygiene measures : Do not eat, drink or smoke when using this product. Keep away from food, drink and animal feeding stuffs. Wash contaminated clothing before reuse. Wash hands before breaks and after work.

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

Storage conditions : Keep only in original container. Keep out of frost. Protect from sunlight. Store in a well-ventilated place.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

<b>crystalite, conc respirable crystalline silica<math>\geq</math>10% (14464-46-1)</b>	
<b>EU - Indicative Occupational Exposure Limit (IOEL)</b>	
Local name	Silica crystalline (Cristobalite)
IOEL TWA	0,05 mg/m <sup>3</sup> (respirable dust)
Remark	(Year of adoption 2003)
Regulatory reference	SCOEL Recommendations
<b>quartz, conc respirable crystalline silica<math>&lt;</math>1% (14808-60-7)</b>	
<b>EU - Indicative Occupational Exposure Limit (IOEL)</b>	
Local name	Silica crystalline (Quartz)
IOEL TWA	0,1 mg/m <sup>3</sup> (Respirable fraction)
Remark	(Year of adoption 2003)
Regulatory reference	SCOEL Recommendations

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### 8.1.2. Recommended monitoring procedures

No additional information available

### 8.1.3. Air contaminants formed

No additional information available

### 8.1.4. DNEL and PNEC

No additional information available

### 8.1.5. Control banding

No additional information available

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

No additional information available

### 8.2.2. Personal protection equipment

#### Personal protective equipment:

Wear suitable protective clothing.

#### Personal protective equipment symbol(s):



#### 8.2.2.1. Eye and face protection

##### Eye protection:

Use splash goggles when eye contact due to splashing is possible

Eye protection			
Type	Field of application	Characteristics	Standard
Safety glasses with side shields			

#### 8.2.2.2. Skin protection

##### Hand protection:

Protective gloves

Hand protection					
Type	Material	Permeation	Thickness (mm)	Penetration	Standard
	Nitrile rubber (NBR), Butyl rubber				

#### 8.2.2.3. Respiratory protection

##### Respiratory protection:

No respiratory protection needed under normal use conditions. Wear breathing apparatus if exposed to vapours/dusts/aerosols. During spraying wear suitable respiratory equipment

#### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Consumer exposure controls:

Other protection measures such as segregation of activity, minimisation of personnel, respiratory protection, impervious suits and face shields should also be considered for high dispersion activities which are likely to lead to substantial aerosol or vapour release, e.g. spraying.

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### SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Colour	: white. Various colours.
Odour	: characteristic.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Not available
Explosive limits	: Not available
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: Not available
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: Not available
Viscosity, kinematic	: Not available
Solubility	: Miscible with water.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50 °C	: Not available
Density	: $\approx 1,64 \text{ g/cm}^3$
Relative density	: Not available
Relative vapour density at 20 °C	: Not available
Particle characteristics	: Not applicable

#### 9.2. Other information

##### 9.2.1. Information with regard to physical hazard classes

No additional information available

##### 9.2.2. Other safety characteristics

VOC content : < 0,1 % (< 1 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

None under normal use.

#### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

#### 10.5. Incompatible materials

No information available.

#### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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### SECTION 11: Toxicological information

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

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

<b>terbutryn (886-50-0)</b>	
LD50 oral rat	2045 mg/kg (Rat, Oral)
LD50 dermal rat	> 2000 mg/kg (Rat, Dermal)
LC50 Inhalation - Rat	> 8 mg/l (4 h, Rat, Inhalation)
ATE CLP (oral)	500 mg/kg bodyweight

<b>2-octyl-2H-isothiazol-3-one (26530-20-1)</b>	
LD50 oral rat	550 mg/kg (Rat, Literature study, Oral)
LD50 dermal rabbit	690 mg/kg bodyweight (Rabbit, Literature study, Dermal)
LC50 Inhalation - Rat	> 2 mg/m <sup>3</sup> (4 h, Rat, Literature study, Inhalation (vapours))
ATE CLP (oral)	125 mg/kg bodyweight
ATE CLP (dermal)	311 mg/kg bodyweight
ATE CLP (gases)	100 ppmv/4h
ATE CLP (vapours)	0,5 mg/l/4h
ATE CLP (dust,mist)	0,27 mg/l

<b>pyrithione zinc (13463-41-7)</b>	
LD50 oral rat	269 mg/kg bodyweight (OECD 401: Acute Oral Toxicity, Rat, Male / female, Experimental value, Aqueous solution, Oral, 14 day(s))
LD50 dermal rat	> 2000 mg/kg (EPA OPP 81-2, 24 h, Rat, Male / female, Experimental value, Dermal, 14 day(s))
LC50 Inhalation - Rat	1,03 mg/l air (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male / female, Experimental value, Inhalation (aerosol))
ATE CLP (oral)	221 mg/kg bodyweight
ATE CLP (gases)	100 ppmv/4h
ATE CLP (vapours)	0,5 mg/l/4h
ATE CLP (dust,mist)	0,14 mg/l

Skin corrosion/irritation : Not classified  
Serious eye damage/irritation : Not classified  
Respiratory or skin sensitisation : Not classified. (Bridging principle. rLLNA. mouse. (OECD 429 method))  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified

<b>quartz, conc respirable crystalline silica&lt;1% (14808-60-7)</b>	
IARC group	1 - Carcinogenic to humans

Reproductive toxicity : Not classified  
STOT-single exposure : Not classified  
STOT-repeated exposure : Not classified (State of aggregation).

<b>crystalite, conc respirable crystalline silica≥10% (14464-46-1)</b>	
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure (if inhaled).

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pyrithione zinc (13463-41-7)	
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.
Aspiration hazard	: Not classified

### 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified.

Hazardous to the aquatic environment, long-term (chronic) : Harmful to aquatic life with long lasting effects.

Minerol	
EC50 - Crustacea [1]	10 mg/l OECD 202; Daphnia magna
EC50 72h - Algae [1]	> 10 mg/l OECD 201; Pseudokirchneriella subcapitata

### terbutryn (886-50-0)

LC50 - Fish [1]	0,82 mg/l (96 h, Salmo gairdneri, Static system, Literature study)
EC50 - Crustacea [1]	7,1 mg/l (48 h, Daphnia magna, Literature study, Locomotor effect)

### 2-octyl-2H-isothiazol-3-one (26530-20-1)

LC50 - Fish [1]	0,036 mg/l Oncorhynchus mykiss (Rainbow trout)
LC50 - Fish [2]	0,05 mg/l (96 h, Oncorhynchus mykiss, Literature study)
EC50 - Crustacea [1]	0,42 mg/l (48 h, Daphnia magna, Literature study)
EC50 72h - Algae [1]	0,084 mg/l Desmodesmus subspicatus)
NOEC chronic fish	0,022 mg/l Oncorhynchus mykiss (Rainbow trout)
NOEC chronic crustacea	0,02 mg/l Daphnia magna, 21d
NOEC chronic algae	0,004 mg/l algae

### pyrithione zinc (13463-41-7)

LC50 - Fish [1]	2,6 µg/l (EPA OPP 72-1, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value, GLP)
EC50 - Crustacea [1]	8,2 µg/l (EPA OPP 72-2, 48 h, Daphnia magna, Flow-through system, Fresh water, Experimental value, GLP)
EC50 96h - Algae [1]	1,3 µg/l (EPA OPP 122-2, Skeletonema costatum, Static system, Fresh water, Experimental value, GLP)

### 12.2. Persistence and degradability

#### crystalite, conc respirable crystalline silica $\geq$ 10% (14464-46-1)

Persistence and degradability	Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

#### quartz, conc respirable crystalline silica $<$ 1% (14808-60-7)

Persistence and degradability	Biodegradability: not applicable. No (test)data on mobility of the substance available.
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<b>quartz, conc respirable crystalline silica&lt;1% (14808-60-7)</b>	
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
<b>terbutryn (886-50-0)</b>	
Persistence and degradability	Biodegradable in the soil. Not readily biodegradable in water.
<b>2-octyl-2H-isothiazol-3-one (26530-20-1)</b>	
Persistence and degradability	Inherently biodegradable.
<b>pyrithione zinc (13463-41-7)</b>	
Persistence and degradability	Not readily biodegradable in water.
<b>12.3. Bioaccumulative potential</b>	
<b>crystalite, conc respirable crystalline silica≥10% (14464-46-1)</b>	
Bioaccumulative potential	No test data available.
<b>quartz, conc respirable crystalline silica&lt;1% (14808-60-7)</b>	
Bioaccumulative potential	No bioaccumulation data available.
<b>terbutryn (886-50-0)</b>	
Partition coefficient n-octanol/water (Log Pow)	3,43 – 3,74 (Literature study)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
<b>2-octyl-2H-isothiazol-3-one (26530-20-1)</b>	
BCF - Fish [1]	1280 (67 day(s), Lepomis macrochirus, Flow-through system, Literature study)
Partition coefficient n-octanol/water (Log Pow)	2,45 (Experimental value)
Bioaccumulative potential	Potential for bioaccumulation (500 ≤ BCF ≤ 5000).
<b>pyrithione zinc (13463-41-7)</b>	
BCF - Other aquatic organisms [1]	7,87 – 11 (OECD 305: Bioconcentration: Flow-Through Fish Test, 30 day(s), Crassostrea sp., Flow-through system, Salt water, Experimental value, Fresh weight)
Partition coefficient n-octanol/water (Log Pow)	0,9 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
<b>12.4. Mobility in soil</b>	
<b>crystalite, conc respirable crystalline silica≥10% (14464-46-1)</b>	
Ecology - soil	No (test)data on mobility of the substance available.
<b>quartz, conc respirable crystalline silica&lt;1% (14808-60-7)</b>	
Surface tension	No data available in the literature
Ecology - soil	Low potential for mobility in soil.
<b>terbutryn (886-50-0)</b>	
Ecology - soil	Adsorbs into the soil. Not toxic to bees.
<b>2-octyl-2H-isothiazol-3-one (26530-20-1)</b>	
Ecology - soil	No (test)data on mobility of the substance available.

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### pyrithione zinc (13463-41-7)

Surface tension	73 mN/m (20 °C, 7.2 mg/l, OECD 115: Surface Tension of Aqueous Solutions)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	4,295 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
Ecology - soil	Low potential for mobility in soil.

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional legislation (waste)	: Disposal must be done according to official regulations.
Waste treatment methods	: Handle cured product residues as dust-free as possible.
Product/Packaging disposal recommendations	: Do not dispose of the packaging without first carrying out the necessary cleaning. Disposal must be done according to official regulations. Entrust the thoroughly decontaminated packaging to a licensed waste-contractor.
European List of Waste (LoW) code	: 08 01 20 - aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19

## SECTION 14: Transport information

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

### 14.1. UN number or ID number

UN-No. (ADR)	: Not applicable
UN-No. (IMDG)	: Not applicable
UN-No. (IATA)	: Not applicable
UN-No. (ADN)	: Not applicable
UN-No. (RID)	: Not applicable

### 14.2. UN proper shipping name

Proper Shipping Name (ADR)	: Not applicable
Proper Shipping Name (IMDG)	: Not applicable
Proper Shipping Name (IATA)	: Not applicable
Proper Shipping Name (ADN)	: Not applicable
Proper Shipping Name (RID)	: Not applicable

### 14.3. Transport hazard class(es)

**ADR**  
Transport hazard class(es) (ADR) : Not applicable

**IMDG**  
Transport hazard class(es) (IMDG) : Not applicable

**IATA**  
Transport hazard class(es) (IATA) : Not applicable

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### ADN

Transport hazard class(es) (ADN) : Not applicable

### RID

Transport hazard class(es) (RID) : Not applicable

### 14.4. Packing group

Packing group (ADR) : Not applicable  
Packing group (IMDG) : Not applicable  
Packing group (IATA) : Not applicable  
Packing group (ADN) : Not applicable  
Packing group (RID) : Not applicable

### 14.5. Environmental hazards

Dangerous for the environment : No  
Marine pollutant : No  
Other information : 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. 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

#### 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

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

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

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on drug precursors)

#### 15.1.2. National regulations

No additional information available

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### 15.2. Chemical safety assessment

No additional information available

### SECTION 16: Other information

Indication of changes			
Section	Changed item	Change	Comments
	Extra phrases	Modified	
2.1	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Modified	
2.2	EUH-statements	Added	
2.2	Hazard statements (CLP)	Added	
2.2	Precautionary statements (CLP)	Modified	
2.2	Hazard pictograms (CLP)	Added	
2.2	Signal word (CLP)	Added	
3	Composition/information on ingredients	Modified	
7.1	Precautions for safe handling	Modified	
8.2	Consumer exposure controls	Added	
8.2	Respiratory protection	Modified	
13.1	Waste treatment methods	Added	

Other information

: Technical information service (see point 1):

A call to Knauf Direkt will be charged at 0.39 € per minute. Callers, the telephone numbers of whom are not saved in the Knauf Gips KG address database, e.g. private property owners or noncustomers, will pay 1.69 € per minute from the German network. Callers using mobile telephones will be charged according to the network provider and tariff.

Full text of H- and EUH-statements:	
Acute Tox. 2 (Inhalation)	Acute toxicity (inhal.), Category 2
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
EUH208	Contains 2-octyl-2H-isothiazol-3-one. May produce an allergic reaction.
EUH210	Safety data sheet available on request.
EUH211	Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.

# Minerol

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Full text of H- and EUH-statements:	
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H360D	May damage the unborn child.
H372	Causes damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
Repr. 1B	Reproductive toxicity, Category 1B
Skin Corr. 1	Skin corrosion/irritation, Category 1
Skin Sens. 1A	Skin sensitisation, category 1A
Skin Sens. 1B	Skin sensitisation, category 1B
STOT RE 1	Specific target organ toxicity – Repeated exposure, Category 1

Knauf SDS EU (REACH Annex II)

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.