

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



58903 Attapulgite

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Revised edition: 05.12.2018

Version: 2.0

Printed: 19.07.2019

1. Identification of the Substance/Mixture and of the Company/Undertaking

1.1. Product Identifier

Product Name: Attapulgite

Article No.: 58903

1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against

Identified uses:

Absorber

Uses advised against:

1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)

Company: Kremer Pigmente GmbH & Co. KG

Address: Hauptstr. 41-47, 88317 Aichstetten, Germany

Tel./Fax.: Tel +49 7565 914480, Fax +49 7565 1606

Internet: www.kremer-pigmente.com

E-Mail: info@kremer-pigmente.com

Importer: --

1.4. Emergency No.

Emergency No.: +49 7565 914480 (Mon-Fri 8:00 - 17:00)

1.4.2 Poison Center:

2. Hazards Identification

2.1. Classification of the Substance or Mixture

Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)

This product does not require classification and labelling as hazardous according to CLP/GHS.

Possible Environmental Effects:

2.2. Label Elements

Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)

This product does not require classification and labelling as hazardous according to CLP/GHS.

Hazard designation:

Not applicable.

Signal word:

Hazard designation:

Safety designation:

Hazardous components for labelling:

2.3. Other Hazards

3. Composition/Information on Ingredients

3.1. Substance

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3.2. Mixture

Chemical Characterization:

Mixture based on: fillers

Information on Components / Hazardous Ingredients:

No special hazards according to EC Guidelines 1272/2008.

Additional information:

4. First Aid Measures

4.1. Description of the First Aid Measures

General information:

Remove contaminated clothes.

After inhalation:

Supply fresh air.

Consult physician if symptoms persist.

After skin contact:

Wash off with plenty of water and soap.

After eye contact:

Rinse open eyes with plenty of water for at least 15 minutes.

After ingestion:

Rinse mouth with water and drink plenty of water.

4.2. Most important Symptoms and Effects, both Acute and Delayed

Symptoms:

No further information available.

Effects:

4.3. Indication of any Immediate Medical Attention and special Treatment needed

Treatment:

Symptomatic treatment (decontamination, vital functions), no specific antidote known.

5. Fire-Fighting Measures

5.1. Extinguishing Media

Suitable extinguishing media:

Extinguishing powder, foam.

Unsuitable extinguishing media:

Carbon dioxide (CO₂)

5.2. Special Hazards arising from the Substance or Mixture

Special hazards:

Product is not flammable.

In case of fire: hazardous gases/vapors may be released.

5.3. Advice for Firefighters

Protective equipment:

Wear suitable protective clothing.

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Further information:

Contaminated extinguishing water and debris should be disposed of according to local regulations.

6. Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions:

Avoid formation of dust, wear protective clothing.

6.2. Environmental Precautions

Environmental precautions:

Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

6.3. Methods and Material for Containment and Cleaning Up

Methods and material:

Small spills:

Clean up with suitable appliance and dispose adequately.

Large spills:

Contain with dust binding material and dispose accordingly.

Avoid dust formation.

6.4. Reference to other Sections

Protective clothing, see Section 8.

Dispose of contaminated material according to Section 13.

7. Handling and Storage

7.1. Precautions for Safe Handling

Instructions on safe handling:

Respiratory protection when handling without exhaust system.

Hygienic measures:

Keep away from foodstuffs and drinks.

7.2. Conditions for Safe Storage, including any Incompatibilities

Storage conditions:

Store in tightly sealed containers in a dry and well ventilated location.

Requirements for storage areas and containers:

No special measures necessary.

Information on fire and explosion protection:

No special measures necessary.

Storage class:

10-13

Further Information:

Content is stable at room temperature.

7.3. Specific End Use(s)

Further information:

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8. Exposure Controls/Personal Protection

8.1. Parameters to be Controlled

Parameters to be controlled (DE):

Quartz, CAS 14808-60-7; TWA (TRGS 900): 0.15 A mg/m³ (24h; Y; DFG)

Parameters to be controlled:

Derived No-Effect Level (DNEL):

No values available.

Predicted No-Effect Concentration (PNEC):

No values available.

Additional Information:

8.2. Exposure Controls

Technical protective measures:

Provide adequate ventilation/exhaust system.

Personal Protection

General protective measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Protective clothing recommended due to the coloring effects of the product.

Respiratory protection:

Suitable respiratory protection for lower concentration or short-term effect: particle filter with medium efficiency for solid and liquid particles (e.g. EN 143 or 149, type P2 or FFP2).

Hand protection:

Not required

Protective glove material:

Eye protection:

Safety glasses with protective shields (EN 166).

Body protection:

Protective clothing and shoes.

Environmental precautions:

Avoid contamination of sewage system, open water ways and ground water.

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

Form: powder

Color: yellow-brown

Odor: odorless

Odor threshold:

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	<i>No information available.</i>
<i>pH-Value:</i>	8 - 9.5
<i>Melting temperature:</i>	> 1000°C
<i>Boiling temperature:</i>	<i>not available</i>
<i>Flash point:</i>	<i>not flammable</i>
<i>Evaporation rate:</i>	<i>No information available.</i>
<i>Flammability (solid, gas):</i>	<i>not applicable</i>
<i>Upper explosion limit:</i>	<i>no information available</i>
<i>Lower explosion limit:</i>	<i>no information available</i>
<i>Vapor pressure:</i>	<i>not applicable</i>
<i>Vapor density:</i>	<i>No information available.</i>
<i>Density:</i>	1.8 - 2 g/cm ³ (20°C)
<i>Solubility in water:</i>	<i>insoluble</i>
<i>Coefficient of variation (n-Octanol/Water):</i>	<i>not applicable</i>
<i>Auto-ignition temperature:</i>	<i>not applicable</i>
<i>Decomposition temperature:</i>	<i>No data available.</i>
<i>Viscosity, dynamic:</i>	<i>not available</i>
<i>Explosive properties:</i>	<i>Product does not present an explosion hazard.</i>
<i>Oxidizing properties:</i>	<i>not oxidizing</i>
<i>Bulk density:</i>	304 - 737 kg/m ³

9.2. Further Information

Solubility in solvents:

Viscosity, kinematic

Burning class:

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Solvent content:

Solid content:

Particle size:

Other information:

Self-heating ability: This product is not self-heating.

Hygroscopy: not hygroscopic

10. Stability and Reactivity

10.1. Reactivity

Stable if used according to specifications.

10.2. Chemical Stability

Stable if used according to specifications.

10.3. Possibility of Hazardous Reactions

None if handled and stored according to specifications.

10.4. Conditions to Avoid

Conditions to avoid:

Avoid formation of dust.

Thermal decomposition:

No further information available.

10.5. Incompatible Materials

Vegetable oils, unsaturated organic compounds.

10.6. Hazardous Decomposition Products

None if stored and handled according to specifications.

10.7. Further Information

Corrosion of metals: not corrosive.

11. Toxicological Information

11.1. Information on Toxicological Effects

Acute Toxicity

LD50, oral:

Not toxic after single oral exposure.

LD50, dermal:

No information available.

LC50, inhalation:

No information available.

Primary effects

Irritant effect on skin:

Non irritating (rabbit)

Irritant effect on eyes:

Non-irritating to eyes (rabbit)

Inhalation:

No irritant effect known.

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Ingestion:

No irritant effect known.

Sensitization:

No relevant data found.

Mutagenicity:

Based on the ingredients, there is no suspicion of a mutagenic effect.

Reproductive toxicity:

No information available.

Carcinogenicity:

No relevant data found.

Teratogenicity:

No information available.

Specific target organ toxicity (STOT):

*Single exposure: no organospecific toxicity expected.
Repeated exposure: no organospecific toxicity expected.*

Additional toxicological information:

*No risk of aspiration.
Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.
The product has not been tested. The statement has been derived from the properties of the individual components.*

12. Ecological Information

12.1. Aquatic Toxicity

*No toxicity expected.
The product has not been tested. The statement has been derived from the properties of the individual components.*

Fish toxicity:

not determined

Daphnia toxicity:

not determined

Bacteria toxicity:

not determined

Algae toxicity:

not determined

12.2. Persistency and Degradability

Inorganic substance. Biological degradability is not affected.

12.3. Bioaccumulation

The product is not hazardous to the aquatic system.

12.4. Mobility

No data available.

12.5. Results of PBT- und vPvP Assessment

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(REACH): this product is neither a PBT (persistent/bioaccumulative/toxic) or vPvB (very persistent/very bioaccumulative/very toxic) substance nor does it contain a PBT or vPvB substance.

12.6. Other Adverse Effects

Water hazard class:

Product is not harmful for water organisms.

Behaviour in sewage systems:

Treatment and discharge of waste water into biological treatment plant should be carried out according to official national and local regulations.

Further ecological effects:

The product does not contain any substances which can deplete the ozone layer, according to Section I of EC-Directive 2037/2000/EC.

AOX Value:

13. Disposal Considerations

13.1. Waste Treatment Methods

Product:

In accordance with current regulations, product may be taken to a waste disposal site or incineration plant, after consultation with site operator and/or with the responsible authority.

European Waste Code (EWC):

Uncleaned packaging:

Uncontaminated packaging may be recycled.

Contaminated packaging must be disposed like the substance.

Waste Code No.:

14. Transport Information

14.1. UN Number

ADR, IMDG, IATA

14.2. UN Proper Shipping Name

ADR/RID:

No hazardous goods according to ADR (land transportation).

IMDG/IATA:

No hazardous goods according to IMDG.

14.3. Transport Hazard Classes

ADR Class:

not applicable

Hazard no.:

Classification code:

Tunnel restriction code:

IMDG Class (sea):

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Hazard no.:

EmS No.:

IATA Class:

not applicable

Hazard no.:

14.4. Packaging Group

ADR/RID:

not applicable

IMDG:

IATA:

14.5. Environmental Hazards

None

14.6. Special Precautions for User

Not classified as a dangerous good under transport regulations.

14.7. Transportation in Bulk according to Annex II of MARPOL 73/78 and IBC-Code

not applicable

14.8. Further Information

15. Regulatory Information

15.1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

Water hazard class:

0, not hazardous (German Regulation, Assessment by list)

Local regulations on chemical accidents:

Employment restrictions:

Restriction and prohibition of application:

Technical instructions on air quality:

15.2. Chemical Safety Assessment

A Chemical Safety Assessment has not yet been carried out for this product.

Exempted from the mandatory REACH Registration (Annex V).

15.3. Further Information

Listed in the following inventories:

TSCA (US), AICS (AUS), DSL (CA), ENCS/ISHL (JP), ECL (KR), PICCS (PH), INV (CH), IECSC (CN), NZIoC (NZ), TCSI (TW)

California Prop. 65: Crystalline silica (14808-60-7): < 10 %

VOC Content (w/w): 0 %

16. Other Information

This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.