

Safety Data Sheet

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



599930 Tripoli, Rotten Stone, light

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Revised edition: 30.06.2016

Version: 2

Printed: 16.06.2020

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

1.1. Product Identifier

Product Name: Tripoli, Rotten Stone, light

Article No.: 599930

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

Identified uses:

Filtration additive, carrier substance, raw material for siliceous earth, additive for paints, plastics and rubber.

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

EMail: 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

*Product contains less than 1 % of respirable cristobalite.
Handling of this product (crushing, grinding) can cause airborne*

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*dust which may contain quartz.
Frequent or repeated inhalation of airborne silicate can cause
silicosis. The symptoms of silicosis are coughing and
breathlessness.
The dust level should be measured and controlled continuously.*

3. Composition/Information on Ingredients

3.1. Substance

3.2. Mixture

Chemical Characterization: Kieselguhr, calcinated

*Information on Components / Hazardous
Ingredients:*

Diatomaceous earth (kieselghur), calcinated	ca. 100 %	CAS-Nr: 91053-39-3 EINECS-Nr: 293-303-4 EC-Nr:
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Crystalline silica (cristobalite)	< 1 %	CAS-Nr: 14464-46-1 EINECS-Nr: 238-455-4 EC-Nr:
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Additional information:

4. First Aid Measures

4.1. Description of the First Aid Measures

General information:

Take affected persons out into the fresh air.

After inhalation:

Supply fresh air.

After skin contact:

*Wash off with soap and water and rinse thoroughly. Treat with
soothing cream. In case of complaints consult physician.*

After eye contact:

*Rinse open eyes with plenty of water. In case of discomfort seek
medical help.*

After ingestion:

*Rinse mouth with water and give plenty of water to drink. Consult a
physician.*

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

Symptoms:

*Frequent inhalation of dust over a long period of time can cause
dryness in the nose, throat and respiratory tract as well as
coughing.*

*Swallowing small amounts of product can cause irritating effects in
mouth, throat and stomach.*

Effects:

No further information available.

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

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Treatment:

No special measures necessary. Provide fresh air.

5. Fire-Fighting Measures

5.1. Extinguishing Media

Suitable extinguishing media:

Use extinguishing media for surrounding fire.

Product itself does not burn.

Unsuitable extinguishing media:

None known.

5.2. Special Hazards arising from the Substance or Mixture

Special hazards:

Product is not flammable.

5.3. Advice for Firefighters

Protective equipment:

Wear suitable protective clothing.

Wear self-contained respiratory protective device.

Further information:

6. Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions:

Ensure adequate ventilation.

Avoid formation of dust.

Avoid contact with skin and eyes. Do not ingest or inhale.

6.2. Environmental Precautions

Environmental precautions:

No special measures required.

6.3. Methods and Material for Containment and Cleaning Up

Methods and material:

Take up mechanically.

Avoid dust formation.

Clean up by moistening product to avoid dust formation or use special vacuum cleaner.

6.4. Reference to other Sections

Protective clothing, see Section 8.

See Section 13 for information on disposal.

7. Handling and Storage

7.1. Precautions for Safe Handling

Instructions on safe handling:

Provide adequate ventilation.

Avoid formation of dust. Do not inhale dust.

Hygienic measures:

Avoid contact with skin, eyes and clothing. Do not inhale dust.

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Wear protective gloves, clothing, eye, face protection.

Wash hands before breaks and after work.

7. 2. Conditions for Safe Storage, including any Incompatibilities

Storage conditions:

Store in tightly sealed containers in a dry and cool room.

Requirements for storage areas and containers:

No special measures necessary.

Information on fire and explosion protection:

Product is not combustible.

Do not store near hydrofluoric acid.

Storage class:

Further Information:

Store in a dry place.

7. 3. Specific End Use(s)

Further information:

No information available.

8. Exposure Controls/Personal Protection

8. 1. Parameters to be Controlled

Parameters to be controlled (DE):

TLV: 10 mg/m³ inhalable fraction (general dust limit)

TLV: 1.25 mg/m³ air-borne fraction (general dust limit)

Parameters to be controlled:

Italy, Portugal, Canada, USA (ACGIH): 0.025 mg/m³

Belgium, Denmark, Estonia, France, Greece, Ireland, Lithuania, Norway, Rumania, Spain, Sweden, USA (NIOSH), Argentina, Korea, Mexico, Peru: 0.05 mg/m³

Bulgaria: 0.07 mg/m³, The Netherlands: 0.075 mg/m³; Chile: 0.04 mg/m³

Great Britain, Finland, Slovakia, Czech Republic, Hungary, Australia, New Zealand: 0.1 mg/m³

Austria, Luxembourg, Slovenia, Switzerland: 0.15 mg/m³; Thailand: 10 mg/m³

Derived No-Effect Level (DNEL):

Predicted No-Effect Concentration (PNEC):

Additional Information:

8. 2. Exposure Controls

Technical protective measures:

Provide adequate ventilation in case of dust formation.

Personal Protection

General protective measures:

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*Do not inhale dust. Do not eat, drink or smoke while working.
Wash hands before breaks and at the end of work.*

Respiratory protection:

Dust mask.

Hand protection:

Not required

Protective glove material:

Eye protection:

Recommended in case of extreme dust formation (EN 166).

Body protection:

Environmental precautions:

No special measures required.

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

Form:

powder

Color:

yellowish-brown / pink

Odor:

odorless

Odor threshold:

No information available.

pH-Value:

7 (10% suspension)

Melting temperature:

not determined

Boiling temperature:

> 1300°C

Flash point:

not applicable

Evaporation rate:

not applicable

Flammability (solid, gas):

non-combustible

Upper explosion limit:

no information available

Lower explosion limit:

no information available

Vapor pressure:

not determined

Vapor density:

No information available.

Density:

2.2 g/cm³

Solubility in water:

< 1 %

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Coefficient of variation (n-Octanol/Water):

not determined

Auto-ignition temperature:

Product is not auto-ignitable.

Decomposition temperature:

> 1300°C

Viscosity, dynamic:

not applicable

Explosive properties:

Product does not present an explosion hazard.

Oxidizing properties:

not oxidizing

Bulk density:

9. 2. Further Information

Solubility in solvents:

Viscosity, kinematic:

Burning class:

Solvent content:

Solid content:

Particle size:

Other information:

No further information.

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:

Do not store the product together with easily flammable substances.

Thermal decomposition:

No decomposition.

10.5. Incompatible Materials

Hydrogen fluoride

10.6. Hazardous Decomposition Products

None known.

10.7. Further Information

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11. Toxicological Information

11.1. Information on Toxicological Effects

No information available.

Acute Toxicity

LD50, oral:

LD50, dermal:

LC50, inhalation:

Primary effects

Irritant effect on skin:

Non irritating

Irritant effect on eyes:

Slight irritant effect

Inhalation:

No information available.

Ingestion:

No information available

Sensitization:

No sensitizing effects known.

Mutagenicity:

No relevant data found.

Reproductive toxicity:

No information available.

Carcinogenicity:

No negative effects.

Teratogenicity:

No information available.

Specific target organ toxicity (STOT):

No relevant data found.

Additional toxicological information:

Frequent or repeated inhalation of airborne quartz powder (crystalline silicate) can cause silicosis.

The IARC (International Agency for Research on Cancer) notes that crystalline SiO₂ which is inhaled at the working place can cause pulmonary cancer.

Persons who already are suffering from silicosis have a higher cancer risk. The symptoms of silicosis are coughing and breathlessness. The dust level should be measured and controlled continuously.

However, they further note that it does not apply for all working places and not all types of crystalline SiO₂ (IARC-Monographs, 1997, Vol. 68).

It can therefore be concluded that the risk of cancer can be reduced by avoiding silicosis (SCOEL SUM Doc 1994-final, June

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2003).

The dust level should be measured and controlled continuously.

12. Ecological Information

12.1. Aquatic Toxicity

No toxicity expected.

Fish toxicity:

Daphnia toxicity:

Bacteria toxicity:

Algae toxicity:

12.2. Persistency and Degradability

No information available.

12.3. Bioaccumulation

No bioaccumulation expected.

12.4. Mobility

Weak mobility.

12.5. Results of PBT- und vPvP Assessment

Not applicable for inorganic substances.

12.6. Other Adverse Effects

Water hazard class:

Not hazardous.

Behaviour in sewage systems:

Further ecological effects:

AOX Value:

13. Disposal Considerations

13.1. Waste Treatment Methods

Product:

*Dispose of according to official national and local regulations.
Recover or recycle if possible.*

European Waste Code (EWC):

Uncleaned packaging:

Dispose of according to official local regulations.

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:

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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):

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)

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 been carried out for this product.

15. 3. Further Information

16. Other Information

*This product should be stored, handled and used in accordance
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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.