

Safety Data Sheet

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



47820 Charcoal, coarse

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Revised edition: 10.02.2014

Version: 3

Printed: 25.05.2021

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

1.1. Product Identifier

Product Name: Charcoal, coarse

Article No.: 47820

UFI: --

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

Identified uses:
No information available.

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

*Fine dust can cause dust explosion.
Charcoal pieces are combustible.*

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3. Composition/Information on Ingredients

3.1. Substance

This product is a substance: see details under 3.2.

3.2. Mixture

Chemical Characterization:

Information on Components / Hazardous Ingredients:

Charcoal; REACH Reg. No. 01-2119560590-41-0058	100 %	CAS-Nr: 16291-96-6 EINECS-Nr: 240-383-3 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 and seek medical advice in case of complaints.

After skin contact:

No special measures required.

After eye contact:

Rinse open eye for several minutes under running water. Should irritation continue, seek medical advice.

After ingestion:

No special measures required.

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:

No information available.

5. Fire-Fighting Measures

5.1. Extinguishing Media

Suitable extinguishing media:

Foam, carbon dioxide (CO₂), water spray jet.

Unsuitable extinguishing media:

Water with full jet.

5.2. Special Hazards arising from the Substance or Mixture

Special hazards:

Combustible.

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*In case of fire: formation of carbon monoxide.
Danger of dust explosion.*

5.3. Advice for Firefighters

Protective equipment:

No special measures required.

Further information:

6. Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions:

Avoid formation of dust.

Keep away from sources of heat and ignition.

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 and collect in suitable container for disposal.
Rinse spill area. Avoid dust formation.*

6.4. Reference to other Sections

Keep away from ignitable sources.

7. Handling and Storage

7.1. Precautions for Safe Handling

Instructions on safe handling:

Avoid formation and deposition of dust. Provide adequate ventilation.

Hygienic measures:

Wash hands at the end of work. Preventive skin protection recommended.

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:

Information on fire and explosion protection:

*Keep away from sources of ignition - do not smoke.
Do not store together with: strong oxidants.*

Storage class:

11; Combustible solids (TRGS 510)

Further Information:

7.3. Specific End Use(s)

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Further information:

8. Exposure Controls/Personal Protection

8.1. Parameters to be Controlled

Parameters to be controlled (DE):

TLV: 3 mg/m³ air-borne fraction (general dust limit)

Parameters to be controlled:

Derived No-Effect Level (DNEL):

Predicted No-Effect Concentration (PNEC):

Additional Information:

8.2. Exposure Controls

Technical protective measures:

Personal Protection

General protective measures:

Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work.

Respiratory protection:

Dust mask (with particle filter) recommended when very dusty.

Hand protection:

Protective gloves (EN 374)

Protective glove material:

Eye protection:

Not required.

Body protection:

No special protection required.

Environmental precautions:

No special measures required.

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

Form: solid

Color: black

Odor: none

Odor threshold: not determined

pH-Value: 8 - 9

Melting temperature: not applicable

Boiling temperature: not applicable

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<i>Flash point:</i>	<i>not applicable</i>
<i>Evaporation rate:</i>	<i>not applicable</i>
<i>Flammability (solid, gas):</i>	<i>> 140°C</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>	<i>not determined</i>
<i>Solubility in water:</i>	<i>insoluble</i>
<i>Coefficient of variation (n-Octanol/Water):</i>	<i>not determined</i>
<i>Auto-ignition temperature:</i>	
<i>Decomposition temperature:</i>	<i>not applicable</i>
<i>Viscosity, dynamic:</i>	<i>not applicable</i>
<i>Explosive properties:</i>	<i>Risk of dust explosion.</i>
<i>Oxidizing properties:</i>	
<i>Bulk density:</i>	

9.2. Further Information

<i>Solubility in solvents:</i>	
<i>Viscosity, kinematic:</i>	
<i>Burning class:</i>	
<i>Solvent content:</i>	
<i>Solid content:</i>	
<i>Particle size:</i>	
<i>Other information:</i>	

10. Stability and Reactivity

10.1. Reactivity

Stable if used according to specifications.

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10.2. Chemical Stability

Stable if used according to specifications.

10.3. Possibility of Hazardous Reactions

*Risk of dust explosion.
Spontaneous ignition is possible.*

10.4. Conditions to Avoid

Conditions to avoid:

Oxidative influences.

Thermal decomposition:

10.5. Incompatible Materials

Strong oxidizing agents.

10.6. Hazardous Decomposition Products

In case of fire: formation of carbon monoxide and carbon dioxide.

10.7. Further Information

11. Toxicological Information

11.1. Information on Toxicological Effects

Acute Toxicity

No toxicity expected.

LD50, oral:

LD50, dermal:

LC50, inhalation:

Primary effects

Irritant effect on skin:

No irritant effect known.

Irritant effect on eyes:

May irritate eyes.

Inhalation:

No information available.

Ingestion:

No information available

Sensitization:

May cause sensitization.

Mutagenicity:

No relevant data found.

Reproductive toxicity:

No relevant data found.

Carcinogenicity:

No relevant data found.

Teratogenicity:

No relevant data found.

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Specific target organ toxicity (STOT):

No relevant data found.

Additional toxicological information:

Aspiration hazard: not applicable

Avoid inhalation of dust. Even inert dusts can impair the function of the respiratory system.

12. Ecological Information

12.1. Aquatic Toxicity

No toxicity expected.

Fish toxicity:

Daphnia toxicity:

Bacteria toxicity:

Algae toxicity:

12.2. Persistency and Degradability

Not readily biodegradable.

12.3. Bioaccumulation

No information available.

12.4. Mobility

No information available.

12.5. Results of PBT- und vPvP Assessment

Not applicable.

12.6. Other Adverse Effects

Water hazard class:

Not hazardous.

Behaviour in sewage systems:

Further ecological effects:

No special effects or hazards known.

AOX Value:

13. Disposal Considerations

13.1. Waste Treatment Methods

Product:

May be disposed together with household garbage or recycled.

European Waste Code (EWC):

Uncleaned packaging:

Waste Code No.:

14. Transport Information

14.1. UN Number

ADR, IMDG, IATA 1361

14.2. UN Proper Shipping Name

ADR/RID: KOHLE oder RUSS

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	<i>IMDG/IATA:</i>	<i>CARBON</i>
14. 3.	Transport Hazard Classes	
	<i>ADR Class:</i>	4.2
	<i>Hazard no.:</i>	4.2
	<i>Classification code:</i>	S2
	<i>Tunnel restriction code:</i>	E
	<i>IMDG Class (sea):</i>	4.2
	<i>Hazard no.:</i>	4.2
	<i>EmS No.:</i>	F-A, S-J
	<i>IATA Class:</i>	
		<i>Prohibited by air transport</i>
	<i>Hazard no.:</i>	
14. 4.	Packaging Group	
	<i>ADR/RID:</i>	III
	<i>IMDG:</i>	III
	<i>IATA:</i>	
14. 5.	Environmental Hazards	
		<i>None</i>
14. 6.	Special Precautions for User	
		<i>none known</i>
14. 7.	Transportation in Bulk according to Annex II of MARPOL 73/78 and IBC-Code	
		<i>not evaluated</i>
14. 8.	Further Information	
15.	Regulatory Information	
15. 1.	Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture	
	<i>Water hazard class:</i>	<i>0, not hazardous (German Regulation)</i>
	<i>Local regulations on chemical accidents:</i>	<i>Not listed.</i>
	<i>Employment restrictions:</i>	
	<i>Restriction and prohibition of application:</i>	
	<i>Technical instructions on air quality:</i>	<i>Not applicable.</i>
15. 2.	Chemical Safety Assessment	
		<i>A Chemical Safety Assessment has not been carried out for this product.</i>
15. 3.	Further Information	
		<i>Regulation (EC) 2037/2000 - Substances that Deplete the Ozone Layer: not regulated / not applicable</i>

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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.