

# Safety Data Sheet

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

## K4780 Charcoal, powder

Page 1

Revised edition: 10.02.2014

Version: 3

Printed: 25.05.2021

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

#### 1.1. Product Identifier

*Product Name:* Charcoal, powder

*Article No.:* K4780

*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:* Interlabshop BV

*Address:* Lage Brink 23, 7317BD Apeldoorn The Netherlands

*Tel./Fax.:* +31(0)55-5215016

*Internet:* www.labshop.nl

*EMail:* labshop@labshop.nl

*Importer:* --

#### 1.4. Emergency No.

*Emergency No.:* 112 (24 hours a day)

#### 1.4.2 Poison Center:

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### 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.*

next page: 2

**K4780 Charcoal, powder**

Page 2

Revised edition: 10.02.2014

Version: 3

Printed: 25.05.2021

---

**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:*

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**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.*

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**5. Fire-Fighting Measures****5.1. Extinguishing Media***Suitable extinguishing media:**Foam, carbon dioxide (CO<sub>2</sub>), water spray jet.**Unsuitable extinguishing media:**Water with full jet.***5.2. Special Hazards arising from the Substance or Mixture***Special hazards:**Combustible.*

next page: 3

# Safety Data Sheet

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

## K4780 Charcoal, powder

Page 3

Revised edition: 10.02.2014

Version: 3

Printed: 25.05.2021

---

*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:*

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## 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.*

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## 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)

next page: 4

**K4780 Charcoal, powder**

Page 4

Revised edition: 10.02.2014

Version: 3

Printed: 25.05.2021

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*Further information:*

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**8. Exposure Controls/Personal Protection****8.1. Parameters to be Controlled***Parameters to be controlled (DE):**TLV: 3 mg/m<sup>3</sup> 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.*

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**9. Physical and Chemical Properties****9.1. Information on Basic Physical and Chemical Properties***Form: powder**Color: black**Odor: none**Odor threshold: not determined**pH-Value: 8 - 9**Melting temperature: not applicable**Boiling temperature: not applicable*

next page: 5

## Safety Data Sheet

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

### K4780 Charcoal, powder

Page 5

Revised edition: 10.02.2014

Version: 3

Printed: 25.05.2021

---

*Flash point:*

*not applicable*

*Evaporation rate:*

*not applicable*

*Flammability (solid, gas):*

*> 140°C*

*Upper explosion limit:*

*no information available*

*Lower explosion limit:*

*no information available*

*Vapor pressure:*

*not applicable*

*Vapor density:*

*No information available.*

*Density:*

*not determined*

*Solubility in water:*

*insoluble*

*Coefficient of variation (n-  
Octanol/Water):*

*not determined*

*Auto-ignition temperature:*

*Decomposition temperature:*

*not applicable*

*Viscosity, dynamic:*

*not applicable*

*Explosive properties:*

*Risk of dust explosion.*

*Oxidizing properties:*

*Bulk density:*

#### 9.2. Further Information

*Solubility in solvents:*

*Viscosity, kinematic:*

*Burning class:*

*Solvent content:*

*Solid content:*

*Particle size:*

*Other information:*

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#### 10. Stability and Reactivity

##### 10.1. Reactivity

*Stable if used according to specifications.*

next page: 6

# Safety Data Sheet

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

## K4780 Charcoal, powder

Page 6

Revised edition: 10.02.2014

Version: 3

Printed: 25.05.2021

---

### 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

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## 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.*

# Safety Data Sheet

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

## K4780 Charcoal, powder

Page 7

Revised edition: 10.02.2014

Version: 3

Printed: 25.05.2021

---

*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.*

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### 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:*

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### 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.:*

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### 14. Transport Information

#### 14.1. UN Number

*ADR, IMDG, IATA*

*1361*

#### 14.2. UN Proper Shipping Name

*ADR/RID:*

*KOHLE oder RUSS*

next page: 8

# Safety Data Sheet

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

## K4780 Charcoal, powder

Page 8

Revised edition: 10.02.2014

Version: 3

Printed: 25.05.2021

---

	<i>IMDG/IATA:</i>	<i>CARBON</i>
<b>14. 3.</b>	<b>Transport Hazard Classes</b>	
	<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>	
<b>14. 4.</b>	<b>Packaging Group</b>	
	<i>ADR/RID:</i>	III
	<i>IMDG:</i>	III
	<i>IATA:</i>	
<b>14. 5.</b>	<b>Environmental Hazards</b>	
		<i>None</i>
<b>14. 6.</b>	<b>Special Precautions for User</b>	
		<i>none known</i>
<b>14. 7.</b>	<b>Transportation in Bulk according to Annex II of MARPOL 73/78 and IBC-Code</b>	
		<i>not evaluated</i>
<b>14. 8.</b>	<b>Further Information</b>	
<b>15.</b>	<b>Regulatory Information</b>	
<b>15. 1.</b>	<b>Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture</b>	
	<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>
<b>15. 2.</b>	<b>Chemical Safety Assessment</b>	
		<i>A Chemical Safety Assessment has not been carried out for this product.</i>
<b>15. 3.</b>	<b>Further Information</b>	
		<i>Regulation (EC) 2037/2000 - Substances that Deplete the Ozone Layer: not regulated / not applicable</i>

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## Safety Data Sheet

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

### **K4780 Charcoal, powder**

Page 9

Revised edition: 10.02.2014

Version: 3

Printed: 25.05.2021

---

#### **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.*