

22.04.2015

1. Identification of substance:

Product details:

Trade name: Anthracite (Coal)

Manufacturer/Supplier: Rheinfelden Carbon GmbH & Co.KG
Bukheinstr.2
79618 Rheinfelden Germany Tel.: +49 7623 93 211
Fax: +49 7623 93 548

Information: see: Manufacturer/Supplier

Emergency information: see: Manufacturer/Supplier

2. Composition/Data on Components:

Chemical characterization:

CAS No.:
68187-59-7

Designation:
Anthracite (coal) calcined

Identification number(s):
EINECS Number: 269-111-1

EU Number:

Chemical characterization:

3. Hazards identification:

Hazard designation:
No specific hazards under normal use conditions

Information pertaining to particular dangers for man and environment:

4. First aid measures:

After inhalation: Inhalation of coal dust may cause irritation to the upper respiratory tract. Exposure may cause sore throat, coughing, sneezing, and the production of phlegm in the throat sensitive tissue.

After skin contact: Not applicable

After eye contact: Contact with the eye will cause tearing and irritation from the "foreign" object in the eye. Rubbing of the eye may cause abrasion of the cornea.

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After swallowing:	In case of persistent symptoms consult doctor.	(Contd. of page 1)
5. Fire fighting measures:		
Suitable extinguishing agents:	CO ₂ , extinguishing powder or water spray jet.	
For safety reasons unsuitable extinguishing agents:	Water with full water jet.	
Special hazards caused by the material, its products of combustion or resulting gases:	Carbon monoxide (CO) and oxides of sulphur can be released in the case of fire	
Protective equipment:	Put on breathing apparatus.	
Additional information:	Cool endangered containers with water spray jet.	
6. Accidental release measures:		
Person-related safety precautions:	Wear adequate personal protection to prevent inhalation of dusts or contact with eyes	
Measures for environmental protection:	Prevent from spilling into waterways, sewers.	
Measures for cleaning/collecting:	Collect mechanically. Dispose of contaminated material as waste acc. to item 13.	
7. Handling and storage:		
Handling		
Information for safe handling:	Handle bags in a manner that will ensure minimal generation of dusts. Do not breathe dust, which may generate accidentally.	
Information about protection against explosions and fires:	-	
Storage		
Requirements to be met by storerooms and containers:	Store away from incompatible materials..	
Information about storage in one common storage facility:		
Further information about storage conditions:		
8. Exposure controls and personal protection:		
Engineering Controls:	Engineering controls such as an enclosure or local exhaust ventilation with dust collection must be used to maintain airborne contaminations levels below the exposure limits, where practicable.	
Components with limit values that requires monitoring at the workplace:	No further data	
Additional information:		
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Personal protective equipment:

General protective and hygienic measures:

Keep away from foodstuffs, beverages and food. Wash hands during breaks and at the end of work. Store protective clothing separately.

Breathing equipment: Not normally required

Skin Protection: Wear clothing to prevent contact with skin.

Eye protection: Wear safety glasses to prevent contact with eyes and make immediately available appropriate emergency eye washing equipment (e.g. portable or plumbed) capable of flushing the eyes for at least 15 minutes.

9. Physical and chemical properties:

Form: Solid
Colour: black
Odour: None

Change in condition

	<u>Value/Range</u>	<u>Unit</u>	<u>Method</u>
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Boiling point/boiling range:

Change of physical state:

Flash point:	> 700	°C	DIN ISO 2592
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Ignition temperature:

Decomposition temperature:

Danger of explosion:

Vapour pressure:

Density:

Solubility in / Miscibility with

Water:	insoluble
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Viscosity:
kinematic:

10. Stability and reactivity:

Thermal decomposition/conditions to be avoided:

No decomposition if used according to the specifications.

Dangerous reactions:

No dangerous reactions known.

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Dangerous products of decomposition: Hydrogen sulfide, carbonmonoxid. hydrocarbons.	
11. Toxicological information:	
Reproductive Toxicity:	No
Skin Sensitization:	None reported
Respiratory Sensitization:	None reported
Sensitization:	No sensitizing effect known.
Additional toxicological information:	None reported
12. Ecological information:	
Environmental Toxicity:	No
Biodegradability:	No
13. Disposal considerations:	
Product:	
Recommendation:	Remove according to local authority recommendations, e. g. convey to a licensed incinerator.
Uncleaned packagings:	
Recommendation:	Disposal must be made according to official regulations.
14. Transport information	
Land transport ADR/RID (cross-border):	
ADR/RID class:	
Number/Letter:	
Hazard Index Number:	
Label:	
Designation of goods:	
Maritime transport IMDG:	
IMDG class:	
Page:	
UN Number:	
Packaging group:	
EMS Number:	
MFAG:	
Correct technical name:	
Air transport ICAO-TI and IATA-DGR:	
ICAO/IATA class:	
Remarks:	
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15. Regulatory affairs:

Designation according to EC guidelines:

Not classified as dangerous under EC criteria

Code letter and hazard designation of product:

Risk phrases:

Safety phrases:

National regulations

Information about limitation of use:

Other regulations, limitations and prohibitive regulations:

16. Other information:

This data is based on our present knowledge. However, it shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing data specification sheet: see 1 (manufacturer/supplier).

Contact: see 1 (manufacturer/supplier).