

Trade name: Carbo activatus

Substance number: 090254

Version: 3 / CH

Date revised: 21.01.2019

Replaces Version: 2 / CH

Print date: 01.10.19

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Carbo activatus

Item No. 09025400

Substance / product identification

CAS-No. 7440-44-0

EINECS-No. 931-328-0

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

Hänseler AG

Industriestrasse 35

9100 Herisau

Telephone no. 0041 (0)71 353 58 58

E-mail address of sdb@haenseler.ch

person responsible

for this SDS

1.4. Emergency telephone number

Switzerland :145 / Abroad +41 (0)44 251 51 51

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

The product does not require a hazard warning label in accordance with Regulation (EC) No 1272/2008.

SECTION 3: Composition/information on ingredients

Other information

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Remove the casualty into fresh air and keep him calm. Summon a doctor immediately.

After skin contact

Remove contaminated, soaked clothing immediately and dispose of safely. Wash off with soap and water. Consult a doctor if skin irritation persists.

After eye contact

Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.

After ingestion

Rinse out mouth and give plenty of water to drink. Summon a doctor immediately.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water spray jet, Foam

5.2. Special hazards arising from the substance or mixture

Forms explosive mixture with air are possible. In the event of fire the following can be released: Carbon monoxide (CO); Carbon dioxide (CO₂)

5.3. Advice for firefighters

Special protective equipment for fire-fighting

Use self-contained breathing apparatus. Use personal protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective equipment

6.2. Environmental precautions

No special measures required.

6.3. Methods and material for containment and cleaning up

Avoid raising dust. Rinse away with water. Pick up mechanically. Rinse away rest with water. When picked up, treat material as prescribed under Section 13 "Disposal".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid the formation and deposition of dust. Keep away sources of ignition. Wear protective equipment. Provide good ventilation of working area (local exhaust ventilation if necessary). Isolate from sources of heat, sparks and open flame.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep only in original packaging.

Hints on storage assembly

Do not store with oxidizing agents.

Further information on storage conditions

Protect from direct sunlight. Keep away from sources of ignition. Protect from warmth.

SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

Respiratory protection

Breathing apparatus in the event of vapours. Breathing apparatus in the event of aerosol.

Hand protection

Not suitable

Eye protection

Safety glasses

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Body protection

protective overalls

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Form	Powder
Colour	black
Odour	odourless
pH value	
Remarks	alkaline
Melting point	
Value	> 1000 °C
Initial boiling point and boiling range	
Value	> 1000 °C
Flash point	
Remarks	Not applicable
Flammability (solid, gas)	
Not ignitable	
Vapour pressure	
Remarks	Not applicable
Solubility in water	
Remarks	insoluble
Solubility(ies)	
organic solvents	
Remarks	insoluble
Decomposition temperature	
Value	> 1000 °C
Viscosity	
Remarks	Not applicable

9.2. Other information**Bulk density**Value 200 to 600 kg/m³**SECTION 10: Stability and reactivity****10.1. Reactivity**

No decomposition if stored and applied as directed.

10.2. Chemical stability

No decomposition if stored and applied as directed.

10.3. Possibility of hazardous reactions

No decomposition if stored and applied as directed.

10.4. Conditions to avoid

No decomposition if stored and applied as directed.

10.5. Incompatible materials

Strong oxidising agents

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10.6. Hazardous decomposition products

Carbon monoxide and carbon dioxide

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute oral toxicity**

Species	rat (female)	
LD50	> 2000	mg/kg

Acute inhalational toxicity

LC50	> 8.5	mg/l
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Skin corrosion/irritation

evaluation	non-irritant
Method	OECD 404

Serious eye damage/irritation

evaluation	non-irritant
Method	OECD 405

Sensitization

evaluation	non-sensitizing
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Mutagenicity

Remarks	No data available.
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Reproductive toxicity

Remarks	No data available.
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Carcinogenicity

Remarks	No data available.
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SECTION 12: Ecological information**12.5. Results of PBT and vPvB assessment****Evaluation of persistence and bioaccumulation potential**

The product contains no PBT or vPvB substances.

12.6. Other adverse effects**General information / ecology**

The material has no harmful effect on the environment.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations for the product**

Disposal in compliance with local and national regulations.

Disposal recommendations for packaging

Disposal in compliance with local and national regulations.

SECTION 14: Transport information

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	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	Non-dangerous goods	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.

SECTION 15: Regulatory information

15.2. Chemical safety assessment

For this substance a chemical safety assessment has been carried out.

SECTION 16: Other information

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.