

## **SAFETY DATA SHEET**

### **CARBON NANOFIBERS**

#### **Bergen Carbon Solutions AS**

Version 1.0/EN

#### 1. Product identifiers

- Product name: eco-Carbon nanofibers
- Brand: Bergen Carbon Solutions AS

#### 2. Relevant identified uses of the substance or mixture

- Identified uses: Laboratory chemicals, Manufacturing of substances.

#### 3. Detail of supplier of the data sheet

- Company: Bergen Carbon Solutions AS  
Kokstadflaten 35, 5257 Kokstad & Garnesrenen 38, 5264 Garnes  
Bergen, Norway
- Telephone: +47 56 12 37 77 +47 461 77 783

#### 4. Emergency telephone number

Emergency phone: +47 56 12 37 77

#### 5. Substances

Substance name: eco-Carbon nanofibers

Linear formula: C

	ECO-C1	ECO-C2	ECO-C3
CNF	~ 80	~ 70	~ 60
Metal Content	< 1,5	< 5	~ 7

\*Numbers represent percentage. Detailed information of product is available in product data sheet.

#### 6. First aid measures

- General advice: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
- If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
- In case of skin contact: Wash off with soap plenty of water, consult with physician
- In case of eye contact: Flush eyes with plenty of water for at least 15 minutes and consult a physician.
- If Swallowed: Do not induce vomiting. Never give anything by mouth to an unconscious person, Rinse mouth with water. Consult a physician.

#### 7. Most important symptoms and effects, both acute and delayed.

The most important known symptoms and effects are described in the labeling.

## 8. Exposure controls

- Appropriate engineering controls: General industrial hygiene practice.

## 9. Personal equipment:

- Eye/face protection: Use equipment for eye protection tested and approved under appropriate government standard EN 166 (EU) or NIOSH (US).
- Skin protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
- Body protection: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
- Respiratory protection: Respiratory protection is required. Use type N95 (US) or type P1-P3 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
- Fume hood cabinet: carbon nano fibers should be handled in proper ventilated fume hood cabinet.
- Control of environmental exposure: No special environmental precautions required, but nanofibers may not be disposed of in open environment, must be disposed off in proper chemical waste.

## 10. Stability and reactivity

- Reactivity: No data available.
- Chemical stability: Stable under recommended storage conditions.
- Possibility for hazardous reactions: No Data available.
- Conditions to avoid: No data available.
- Incompatible materials: Strong oxidizing agents.
- Hazardous decomposition products: Hazardous decomposition products formed under fire conditions. – Carbon oxides Other decomposition products – No data available.

## 11. Hazards labeling



**Harmful / Irritant**



**Serious Health Hazard**

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