

CECCHI GUSTAVO & C.

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NATURAL MICROFIBERS -SAFETY DATA SHEET of September 2016 – batch n° 254-AF rev.1/16

NATURAL MICROFIBERS

1. Identification of the substance or mixture and of the company/undertaking

1.1. Product identifier Name NATURAL

MICROFIBERS

1.2. Relevant identified uses of the substance or mixture and uses advised

against Description/Use: product for nautical and professional use -charge/filler

1.3. Details of the supplier of the safety data sheet

Business name: **CECCHI GUSTAVO & C. SRL.**

Address: **Via M. Coppino, 253**

Location and State: **55049 VIAREGGIO (LU) ITALY**

TEL. +39 0584 383694

FAX +39 0584 395182

e-mail of the competent person responsible for the safety data sheet: **info@cecchi.it**

Responsible for placing on the market: **CECCHI GUSTAVO & C. srl**

1.4. Emergency telephone number

For urgent information, contact: 0584/383694 office hours 8.30-12.30, 14.00-18.30 from Monday to Friday

2. IDENTIFICATION OF HAZARDS

2.1 Adverse Effects:

Repeated and prolonged overexposure to large quantities of dust, exceeding the occupational exposure limits, can cause pneumoconiosis. Compliance with the occupational exposure limits in force in each country, by preventing pulmonary overload, ensures effective protection and is therefore advisable.

Apply the legislation in force on occupational safety and hygiene. The preparation has not been tested as a single substance. The health information provided is based on the individual constituent substances of the preparation according to EC legislation.

2.2 CE classification:

LABELING: //

RISK PHRASES: //

Dangerous substances within the meaning of directive 67/548/EC and subsequent amendments or for which recognized community exposure limits exist and the obligation to declare exists: none.

The full text of the -R-phrases is given in section 16.

3. COMPOSITION INFORMATION ON INGREDIENTS

3.1 Chemical description:

Cellulose

3.2 Hazardous ingredients:

Substances which occur in a percentage higher than the exemption limit and present a danger to health and/or the environment, and/or with a community exposure limit value in the workplace: NONE

The preparation contains:

Substance Number

CAS

Number

EINECS

Classification Percentage by

weight

Cellulose 9004-34-6 // 100%

For more information see sections 8, 11, 12 and 16

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4. FIRST AID INTERVENTIONS

Compliance with the rules of good industrial hygiene is recommended. In all cases of doubt or if the symptoms of malaise persist, seek medical attention.

Never give anything by mouth if the victim is unconscious.

4.1 By inhalation:

In case of accidental inhalation and if you feel unwell, consult a doctor.

Inhalation causes irritation of the respiratory tract.

Remove the injured person from the contaminated area and transport him into the open air, keeping him at rest in a well-ventilated area: the treatment must be adapted to the symptoms (coughing, breathing difficulties, etc.). If breathing is irregular or has stopped, give artificial respiration. In case of loss of consciousness, put in rest position. Keep the casualty covered while waiting for the doctor.

4.2 By skin contact:

If irritation appears and persists, consult a doctor. In any case, remove the contaminated clothes and wash the contaminated areas with plenty of cold or temperate water and soap. Do not use solvents or compressed air for cleaning.

4.3 In contact with eyes:

Direct contact can cause irritation: in this case, rinse the eyes by irrigation with plenty of pure, fresh water for at least 15 minutes, keeping the eyelids wide open, until the irritation ends. However, consult a doctor.

4.4 By ingestion:

Ingestion can cause nausea, vomiting, diarrhea.

Treat any symptoms appropriately. Seek medical examination, showing the safety data sheet. If the victim is conscious, rinse the mouth thoroughly with water.

Do not induce vomiting, due to risk of aspiration. Keep the victim at rest.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media:

Extinguishing powder, CO₂, foam, nebulised water also depending on the materials involved in the fire. Extinguishing media not to be used: none in particular.

5.2 Specific risks:

In general, fire can produce dense black fumes and, as a consequence of combustion or thermal decomposition, dangerous products can normally be formed, including various oxides.

Exposure to combustion or decomposition products from a fire can cause damage to health.

5.3 Fire protective equipment:

Depending on the size of the fire, the use of heat protective clothing, self-contained breathing apparatus, gloves, goggles, face masks and boots may be required.

5.4 Other recommendations:

Consider the wind direction in case of intervention and danger. Prevent the products used to fight the fire from flowing into sewers or watercourses.

See step 10

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions:

Avoid direct contact with the product by wearing gloves and protective clothing. Avoid breathing dust and in particular direct contact with eyes.

For exposure control and personal protective equipment, see section 8. 6.2

Precautions for environmental protection:

Avoid contamination of sewage, surface or ground water, as well as

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of the soil. In case of large spills, or if the product contaminates lakes, rivers or sewage systems, inform the competent authority, in accordance with local legislation.

6.3 Cleaning methods:

In the event of spillage at the workplace, collect the product for reuse, if possible, or for disposal using mechanical means (shovel up and/or vacuum clean). Store residues in closed containers. For subsequent disposal of residues, follow the recommendations in section 13. Additional information://

Information regarding handling: see point 7

7. HANDLING AND STORAGE

7.1 Handling precautions:

Apply the legislation in force on occupational safety and hygiene. Avoid the formation of electrostatic charges during handling and transfer operations.

General recommendations:

Avoid any kind of loss or escape. Do not leave containers open and store them in a cool, dry place.

Recommendations to prevent fire and explosion risks: The material is not flammable.

_ Flash point: NA _ Auto-ignition temperature: NA

Recommendations to prevent contamination of the environment:

Product not dangerous for the environment. In case of accidental release, follow the instructions in section 6.

Recommendations to prevent toxicological risks:

For exposure control and personal protective equipment, see section 8. 7.2 Storage conditions:

Prohibit access to unauthorized persons. Keep out of reach of children. The product must be stored in cool and dry environments, avoiding humidity. Do not store outdoors.

To avoid leakage, containers that have been opened should be closed carefully and placed upright.

May form accumulations of poor explosives.

_ Warehouse class: //

_ Maximum storage time: 5 years

_ Storage temperature range: ambient temperature _ Heat of combustion: //

_ Incompatible materials: //

_ Conditions which must be avoided: //

_ Heat:

_ Light:

_ Humidity: Avoid conditions of high humidity

_ Type of packaging: According to current regulations. Store in original containers

7.3 Specific uses:

For the use of this product there are no special recommendations other than those already mentioned.

8. PERSONAL PROTECTION AND EXPOSURE CONTROLS

8.1 Limit values for exposure.

Follow the rules of good industrial hygiene by adopting all suitable means of individual protection for the eyes, hands and respiratory tract to contain exposure. Do not eat or drink in the workplace or smoke. Wash hands before eating and at the end of the work shift.

Verify the obligation of health surveillance in the opinion of the competent doctor.

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Exposure limit: No national or EU exposure limits are available. Reference is therefore made to the TLV-TWA ACGIH in force for total and respirable dust.

Particles not otherwise classified (PNOC) Respirable particles 3 mg/m³ – Inhalable particles 10 mg/m³ 8.2

Exposure controls:

Provide adequate ventilation. Good local ventilation and a good general air exchange system must be ensured. If these measures are not sufficient to keep the particle concentrations below the occupational exposure limit, it is necessary to use adequate means of respiratory protection. Personal protective equipment varies according to the possible exposure and dangerousness of the working conditions. Verify the existence of a residual risk closely linked to the conditions of the workplace. Adequately ventilate the rooms where the product is stored and/or handled.

Ventilation request: //

8.2.1 Control of occupational exposure, Directive 98/24/EEC: Respiratory protection: Recommended in the event of insufficient containment of any pollutants in the air with the use of engineering methods in use (collective protection) or prolonged exposure and presence of residual risks. Avoid inhalation of dust.

In the event of dust formation during use, the use of suitable filters to protect the respiratory tract is recommended. Depending on exposure and risk assessment, use a filtering facepiece/mask suitable for the nature of the product and the environmental concentration.

PPE type: Dust mask (EN141), protection class P2. To obtain an adequate level of protection, the filter class must be chosen according to the type and concentration of the contaminants present, in accordance with the filter manufacturer's specifications. Filtered breathing apparatus does not operate satisfactorily when the air contains high concentrations of vapours. Eye and face protection:

Depending on the exposure and risk assessment, use suitable protective goggles to prevent eye contact with large quantities of dust. Observe normal safety precautions when handling chemicals to avoid contact with eyes.

Goggles: Safety goggles with side protection (EN166). Face shield: No.

Hand and skin protection:

Avoid prolonged contact, using gloves to prevent it. Also for reasons of industrial hygiene, it is advisable to use specific protections in case of prolonged handling of the product. Suitable protective gloves are available from various manufacturers. Observe the glove manufacturer's information on permeability, minimum breakthrough time and other specific requirements to be adopted in the workplace.

Some sunscreen creams may be helpful in protecting exposed areas of skin. Protective creams should not be applied when contact has already occurred. Gloves: Chemical resistant gloves (EN374). The breakthrough time of the selected gloves should be longer than the intended period of use. Gloves must be replaced immediately if signs of degradation are observed. Use rubber gloves.

Boots: No.

Apron: No.

Garments:

8.2.2 Environmental medium exposure controls:

Avoid any spillage into the environment.

Refer to the applicable national and community legislation on environmental protection, water discharges, soil pollution and integrated pollution prevention and control. Check if the activity where the

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product falls within the scope of Directive 96/61/EC (IPPC). See also the information in section 12.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 General information:

Physical state : solid, in fibrous form. Color : white

Odor : odorless

9.2 Important information on human health, safety and the environment Explosive range : no data available

Flash point : NA Decomposition temperature :
approx. 200 °C Auto-ignition temperature :
approx. 500 °C Boiling temperature : NA

Melting point : NA Solubility

in water : insoluble

Density (in standard conditions, at 20 °C): variable about 110-220 g/l Notes: the values indicated do not always comply with the product specifications.

10. STABILITY AND REACTIVITY

10.1 Conditions to avoid:

Stable under conditions of normal and appropriate use.

10.2 Materials to avoid:

No one in particular

10.3 Dangerous reactions

None or in particular

10.4 Hazardous decomposition products:

None known

11. TOXICOLOGICAL INFORMATION

From the literature data, no adverse animal or environmental adverse events are known. The concentration of the individual substances should be taken into account in order to evaluate the toxicological effects deriving from exposure to the preparation.

However, the product does not contain substances with particular toxicological significance. In the event of environmental contamination, however, notify the competent authorities.

Specific health information of the substances/components of the preparation: none available

12. ECOLOGICAL INFORMATION

Use according to good working practices, avoiding dispersion of the product in the environment. In case of contamination, notify the competent authorities.

12.1 Ecotoxicity:

Biodegradability: No negative effects on the environment are known.

13. DISPOSAL CONSIDERATIONS

Recover if possible. Operate according to local and national regulations. For disposal, within the EU, the relative waste code taken from the European waste register (EWC code) must be used, as indicated in the regulations in force. 13.1 Substance or preparation:

The European Union does not establish uniform rules for the disposal of chemical residues, since they are special residues. Their treatment and elimination depends on the internal legislation of each country.

13.2 Contaminated packaging:

Containers and packaging contaminated with dangerous substances or preparations will have the same treatment as the products.

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14. TRANSPORTATION INFORMATION

The material is not to be considered dangerous with reference to the provisions in force regarding the transport of dangerous goods by road (ADR) and by rail (RID).
International standards for road/rail transport (ADR/RID): NOT REGULATED

National Rules for Rail Transport (FFSS): NOT REGULATED _ UN number:-

_ Shipping Name: _ RID/ADR-Class:

-- PG: --

_ Hazard identification number: --

15. REGULATORY INFORMATION

Classification and Labelling:

This Sheet has been drawn up in compliance with the following legislative provisions:

_ Correction of Regulation (EC) n. 1907/2006 of the European Parliament and of the Council, of 18 December 2006, concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), which establishes a European Agency for Chemicals, amending the Directive 1999/45/EC and repealing Regulation (EEC) no. 793/93 of the Council and the regulation (CE) n. 1488/94 of the Commission, as well as the directive 76/769/CEE of the Council and the directives of the Commission 91/155/CEE, 93/67/CEE, 93/105/CE and 2000/21/CE (OJ L 396 of 30.12.2006)

_ Corrigendum to Directive 2006/121/EC of the European Parliament and of the Council of 18 December 2006 amending Council Directive 67/548/EEC on the approximation of laws, regulations and administrative provisions relating to the classification, packaging and to the labeling of dangerous substances to adapt it to Regulation (EC) No. 1907/2006 concerning the registration, evaluation, authorization and restriction of chemical substances (REACH) and establishing a European Agency for chemical substances (OJ L 396 of 30.12.2006) _ REACH Regulation (EC) n. 1907/2006

and with reference to the regulations in force

_ Directive 2001/58/EC, transposed with Ministerial Decree of 7 September 2002

_ Ministerial Decree 22.03.2007 (SO n. 131 to the Official Gazette 5 June 2007, n. 128) Corrective and supplementary provisions of the decree 28 February 2006 transposing Directive 2004/73/EC containing XXIX adaptation to technical progress of Directive 67/548/EEC concerning the classification, packaging and labeling of dangerous substances.

_ Decree of the Ministry of Health of 18 October 2006 published in the Official Gazette of the Italian Republic of 4 January 2006 n. 3, which implements the community directives 2005/59/EC and 2005/69/EC containing the twenty-eighth and twenty-seventh amendments to annex 1 of directive 76/769/EEC;

_ Decree of the Ministry of Health December 14, 2004 published in the Official Gazette of the Italian Republic of February 8, 2005 n. 31, which transposes the community directive 1999/77/EC, which adapts annex 1 of the directive 76/769/EEC for the sixth time to technical progress;

_ Directive 2005/90/EC of the European Parliament and of the Council, amending for the 29th time directive 76/769/EEC (substances classified as carcinogenic, mutagenic or toxic for reproduction - c/m/r);

_ Legislative Decree no. 65 of 14 March 2003: implementation of directive 1999/45/EC and directive 2001/60/EC

LABELING: //

RISK PHRASES: //

Workers exposed to this chemical agent must not be subjected to health surveillance provided that the results of the risk assessment demonstrate that there is only a moderate risk to the safety and health of workers and that the measures envisaged by article 72-quinquies paragraph 1 of the legislative decree n. 25 of 2 February 2002 are sufficient to reduce the risk

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Special provisions:

Safety data sheet available on request for professional users. Where relevant, refer to the following national regulations;

- _ Ministerial circulars 46 and 61 (Aromatic amines) _ Presidential Decree 175/88 (Seveso Directive), Annex II°, III° and IV°
- _ Presidential Decree of 10 September 1982 No. 904, and subsequent updates (implementation of Directive 76/769/EEC)
- _ Legislative Decree no. 626 of 11/25/1996 and subsequent amendments.
- _ Legislative Decree no. 25/2002: protection of workers against the risks from chemical agents at work.
- _ Atmospheric emissions: Presidential Decree No. 203 of 05/24/1988 and Ministerial Decree of 07/12/1990, DM 16-1-2004 no. 44, Legislative Decree 152/2006

16. OTHER INFORMATION

Text of all R-phrases referred to in chapters 2 and 3: // Asterisks in the left margin indicate changes from the previous version.

Notes to Section 9: NA

= not applicable;

NA= not determined.

Main bibliographic sources:

1. Directive 1999/45/EC and subsequent amendments.
2. Directive 67/548/EEC and subsequent amendments and adjustments (up to XXIX⁰ APT).
3. Directive 91/155/EEC and subsequent amendments,
4. ACGIH - Threshold Limit Values,
5. Directive 76/769/EEC and subsequent amendments.
6. Higher Institute of Health - National Inventory of Chemical Substances,
7. NIOSH-National Institute for Occupational Safety and Health.
8. HSDB-Hazardous Substances Data Bank.
9. ICSC - international Chemical Safety Cards.

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