

# Safety Data Sheet

## Filtralite® Nature NC 2-10

SDS according to Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), Annex II-EU

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

<b>Date</b>	13.06.2019
-------------	------------

#### 1.1. Product Identifier

<b>Product name</b>	Filtralite Nature NC 2-10
<b>Article no.</b>	116515FID, 116515FTV, 16515000

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

<b>Product group</b>	Expanded clay
<b>Use of the substance/preparation</b>	Lightweight expanded clay aggregate for use in drainage and water management.

#### 1.3. Details of the supplier of the safety data sheet

<b>Company name</b>	Leca Denmark A/S
<b>Postal address</b>	Randersvej 75
<b>Postcode</b>	8940
<b>City</b>	Randers SV
<b>Country</b>	Denmark
<b>Telephone</b>	+ 45 87 61 02 01
<b>E-mail</b>	info@filtralite.com
<b>Website</b>	www.filtralite.com
<b>Enterprise no.</b>	DK 38317962
<b>Contact person</b>	Sara Kouhestani Lykholt

#### 1.4. Emergency telephone number

<b>Emergency telephone</b>	Phone Leca DK: + 45 87 61 02 01
----------------------------	---------------------------------

## 2. HAZARD IDENTIFICATION

### 2.1. Classification of substance or mixture

## 2.2. Label elements

R-phrases	Product is not classified
Hazard statements	Product is not classified according to CLP regulations

## 2.3. Other hazards

# 3. COMPOSITION/INFORMATION ON INGREDIENTS

## 3.1. Mixtures

Substance comments	For the wording of the risk phrases in section 3 refer to section 16.
--------------------	---

# 4. FIRST AID MEASURES

## 4.1. Description of first aid measures

General	No recommendation given, but first aid may be required by accidental exposure.
Inhalation	Avoid breathing dust. Move the exposed person to fresh air at once. Get medical advice/attention if you feel unwell.
Skin contact	Rinse with water.
Eye contact	Do not rub eye. Promptly wash eyes with plenty of water while lifting the eye lids. Make sure to remove any contact lenses from the eyes before rinsing. Contact physician if discomfort continues.
Ingestion	Drink plenty of water. Do not induce vomiting. Get medical attention if any discomfort continues.

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

## 4.3. Indication of any immediate medical attention and special treatment needed

# 5. FIREFIGHTING MEASURES

## 5.1. Extinguishing media

Suitable extinguishing media	Not relevant
------------------------------	--------------

## 5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	No specific precautions
----------------------------	-------------------------

## 5.3. Advice for firefighters

Fire fighting procedures	No specific fire fighting procedure given.
Other information	Use methods suitable to surrounding conditions. The product has excellent fire resistance and classified as non-combustible material.

# 6. ACCIDENTAL RELEASE MEASURES

## 6.1. Personal precautions, protective equipment and emergency procedures

General measures	Avoid generation of and spreading of dust.
Personal protection measures	Wear necessary protective equipment. See section 8.

**FILTRALITE®** A Saint-Gobain brand

## 6.2. For non-emergency personnel

<b>Personal precautions</b>	Avoid generation of and spreading of dust. Avoid inhalation of dust - provide suction extractors if dust is formed or use suitable filter device (see section 8).
-----------------------------	---

## 6.3. For emergency responders

<b>For emergency responder</b>	Keep dust levels to a minimum. Provide adequate ventilation. Avoid inhalation of dust - provide suction extractors if dust is formed or use suitable filter device (refer to section 8).
--------------------------------	--

## 6.4. Environmental precautions

<b>Environmental precautionary measures</b>	No danger to the environment
---	------------------------------

## 6.5. Methods and material for containment and cleaning up

<b>Cleaning method</b>	Sweep up or use approved industrial vacuum cleaner for removal.
<b>Other information</b>	Dry material floats on water. Depending on the particle density and moisture absorption material will eventually sink to the bottom.

## 6.6. Reference to other sections

# 7. HANDLING AND STORAGE

## 7.1. Precautions for safe handling

<b>Handling</b>	Ensure adequate ventilation at places where dust can be generated
-----------------	---

## 7.2. Protective Safety Measures

<b>Safety measures to prevent fire</b>	Not relevant
--	--------------

## 7.3. Conditions for safe storage, including any incompatibilities

<b>Special risks and properties</b>	None
-------------------------------------	------

## 7.4. Conditions for safe storage

<b>Additional information on storage conditions</b>	To avoid dust, it may be an advantage that the product is slightly damp. To high moisture content, however, can cause the product to freeze to a big lump in the winter.
---	--

## 7.5. Specific end use(s)

# 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

## 8.1. Control parameters

## 8.2. Exposure controls

<b>Limitation of exposure on workplace</b>	An eye wash bottle must be available at the work site. Provide adequate ventilation.
--	--

**FILTRALITE®** A Saint-Gobain brand

### 8.3. Precautionary measures to prevent exposure

<b>Technical measures to prevent exposure</b>	Provide appropriate exhaust ventilation at machinery and at places where dust can be generated.
---	---

### 8.4. Respiratory protection

<b>Respiratory protection</b>	In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particle filter (type P2).
-------------------------------	---

### 8.5. Hand protection

<b>Hand protection</b>	It is recommended to use gloves when handling the material. Suitable gloves can be recommended by the glove supplier.
------------------------	---

### 8.6. Eye / face protection

<b>Eye protection</b>	Use tight fitting goggles if dust is generated.
-----------------------	---

### 8.7. Skin protection

<b>Suitable protective clothing</b>	Wear protective clothing as needed. Immediately remove clothing that becomes wet or contaminated.
-------------------------------------	---

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

<b>Physical stage</b>	Granular
<b>Color</b>	Grey/Brown
<b>Odor</b>	No characteristic odor
<b>pH (as supplied)</b>	Value: 7-8
<b>Comments - pH (as supplied)</b>	Suspension
<b>Melting point/melting range</b>	Value: 1300 °C
<b>Comments – Boiling point/boiling range</b>	Not relevant
<b>Comments – Flash point</b>	Product is not flammable
<b>Comments – Explosion limit</b>	Products does not present an explosion hazard
<b>Specific gravity</b>	Value: 350-500 kg/m <sup>3</sup>
<b>Bulk density</b>	Value: 200-400 kg/m <sup>3</sup>
<b>Solubility in water</b>	Insoluble

### 9.1. Other information

**FILTRALITE®** A Saint-Gobain brand

## 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

Reactivity	Stable. Product is not flammable.
------------	-----------------------------------

### 10.2. Chemical stability

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	None.
------------------------------------	-------

### 10.4. Conditions to avoid

### 10.5. Incompatible materials

### 10.6. Hazardous decomposition products

Hazardous decomposition products	No hazardous decomposition products.
----------------------------------	--------------------------------------

## 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

### 11.2. Other information regarding health hazards

General	No specific health warnings noted. High concentrations of dust can irritate eyes, skin and bronchiae.
---------	---

### 11.3. Potential acute effects

Inhalation	Dust is severely irritating to the upper respiratory system.
Skin contact	Prolonged contact may cause irritation.
Eye contact	Dust in the eyes will cause irritation.
Ingestion	May cause discomfort if swallowed.

### 11.4. Delayed effects / repeated exposure

Sensitization	None known.
Chronic effects	None known

### 11.5. Carcinogenic, Mutagenic or Reprotoxic

Carcinogenicity	Not known.
Mutagenicity	Not known.
Teratogenic properties	Not known.
Reproductive toxicity	Not known.

## 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity

<b>Ecotoxicity</b>	The product is not expected to be hazardous to the environment.
--------------------	---

### 12.2. Persistence and degradability

### 12.3. Bioaccumulative potential

<b>Bioaccumulative potential</b>	Will not bio-accumulate.
----------------------------------	--------------------------

### 12.4. Mobility in soil

<b>Mobility</b>	Not regarded as dangerous for the environment. Dry material floats on water. Depending on the particle density and moisture absorption material will eventually sink to the bottom.
-----------------	---

### 12.5. Results of PBT and vPvB assessment

### 12.6. Other adverse effects

<b>Environmental details, summation</b>	The product is developed as a filter material associated with water purification. The product does not contain any hazardous substances.
---	--

## 13. DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

<b>Specify the appropriate methods of disposal</b>	Sweep or vacuum up dry material. Avoid creating dust. Dispose product according to national regulations. The product is not hazardous waste.
<b>Product classified as hazardous waste</b>	No
<b>Packaging classified as hazardous waste</b>	No
<b>EWC waste code</b>	EWC: 101203 particulates and dust EWC: 170103 tiles and ceramics
<b>Other Information</b>	The material is of such a nature that in pure form it can be reused.

## 14. TRANSPORT INFORMATION

### 14.1. UN number

### 14.2. UN proper shipping name

### 14.3. Transport hazard class(es)

### 14.4. Packing group

### 14.5. Environmental hazards

### 14.6. Special precautions for user

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

**FILTRALITE®** A Saint-Gobain brand

## 14.8. Additional information

<b>Additional information</b>	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).
-------------------------------	---

## 15. REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

<b>EEC-directive</b>	Regulations on the registration, evaluation, authorization and restriction of chemicals (REACH).
<b>References (laws/regulations)</b>	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). The List of Wastes (England) (Amendment) Regulations 2005. (SI 2005 No. 895). «Stofflisten»: List of hazardous substances. Occupational exposure limits for workplace exposure. Transport of dangerous goods: ADR, RID, IMDG, IATA.
<b>No duty to declare owing to</b>	The product is not subject to mandatory labeling.

### 15.2. Chemical safety assessment

## 16. OTHER INFORMATION

<b>Supplier's notes</b>	This information only applies for the above product, and may necessarily not be applicable if the product is used together with one or more other products, or as part of a process. The datasheet are made on the basis of information given by the manufacturer. It is the individual receiver's duty to ensure that the information provided in this MSDS is read and understood by everyone who uses, handle or in any way come in contact with the product.
<b>Version</b>	1
<b>Responsible for safety data sheet</b>	Leca Denmark A/S
<b>Prepared by</b>	Sara Kouhestani Lykholt