

Safety Data Sheet

Filtralite® - HC - HR - MC - NC - NR

SDS according to Regulation (EC) No. 1272/2008

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

Date	07.05.2021
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1.1. Product Identifier

Product name	Filtralite HC - HR - MC - NC - NR	
	Filtralite HC 0,5-1	
	Filtralite HC 0,8-1,6	Filtralite MC 0,8-1,6
	Filtralite HC 1,5-2,5	Filtralite MC 1,5-2,5
	Filtralite HC 2,5-5	Filtralite MC 2,5-4
	Filtralite HR 2,5-5	Filtralite NC 0,8-1,6
	Filtralite HR 3-6	Filtralite NC 1,5-2,5
	Filtralite HR 4-8	Filtralite Aqua 1,5-1,5

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

Product group	Expanded clay
Use of the substance/preparation	For use in water filtration

1.3. Details of the supplier of the safety data sheet

Company name	Leca Norge AS
Postal address	Årnesvegen 1
Postcode	N-2009
City	Nordby
Country	Norway
Telephone	+47 90 96 51 00
E-mail	info@leca.no
Website	www.filtralite.com
Enterprise no.	NO 918 799141 MVA/VAT
Contact person	Tone Storbråten

1.4. Emergency telephone number

Emergency telephone	GIFTINFORMASJONSSENTRALEN: +47 22 59 13 00
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SECTION 2. HAZARD IDENTIFICATION

2.1. Classification of substance or mixture

Classification	Product is not classified
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2.2. Label elements

According Regulation (EC) No. 1272/2008	EUH210 - Safety data sheet available on request
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2.3. Other hazards

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Information codename:	<ul style="list-style-type: none"> - N: Normal density - C: Crushed material - M: Medium density - R: Round material - H: High density
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SECTION 4. FIRST AID MEASURES

General	Material is non-poisonous. Avoid dust
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

SECTION 5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media	Not relevant
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5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	No specific precautions
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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

SECTION 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. Avoid inhaling of dust, avoid dust in eyes

6.2. Environmental precautions

Environmental precautionary measures	Not harmful to the environment. Avoid spreading to drainage, water or soil
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6.3. Methods and material for containment and cleaning up procedures

Cleaning method	Avoid generation of and spreading of dust
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SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Handling	Ensure adequate ventilation at places where dust can be generated
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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	None
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7.3. Specific end use(s)

Specific use	No additional data
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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Limitation of exposure on workplace	An eye wash bottle must be available at the work site. Provide adequate ventilation
Technical measures to prevent exposure	Provide appropriate exhaust ventilation at machinery and at places where dust can be generated
Respiratory protection	In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particle filter type FFP2
Hand protection	It is recommended to use gloves when handling the material
Eye protection	Use tight fitting goggles if dust is generated

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical stage	Granular
Color	Grey
Odor	No characteristic odor
pH	7-8
Melting point/melting range	1300 °C
Comments – Boiling point/boiling range	Not relevant
Comments – Flash point	Product is not flammable
Particle density	500-1700 kg/m ³
Bulk density	250-900 kg/m ³
Solubility in water	Insoluble

SECTION 10. STABILITY AND REACTIVITY

Reactivity	Stable. Product is not flammable
Possibility of hazardous reactions	None
Hazardous decomposition products	No hazardous decomposition products

SECTION 11. TOXICOLOGICAL INFORMATION

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

SECTION 12. ECOLOGICAL INFORMATION

12.1. Ecotoxicity

Eco toxicity	The product is not expected to be hazardous to the environment
Bio accumulative potential	Will not bio-accumulate
Mobility in soil	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
Environmental details, summation	The product is developed as a filter material associated with water purification. The product does not contain any hazardous substances

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Specify the appropriate methods of disposal	Sweep or vacuum up dry material. Avoid creating dust. Dispose product according to national regulations
Product classified as hazardous waste	No
EWC waste code	EWC: 101203 particulates and dust EWC: 170103 tiles and ceramics

SECTION 14. TRANSPORT INFORMATION

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID)
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SECTION 15. REGULATORY INFORMATION

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

EEC-directive	Regulations on the registration, evaluation, authorization and restriction of chemicals (REACH)
Duty to declare	The product is not subject to mandatory labeling

15.2. Chemical safety assessment

Chemical safety assessment	Information in this Safety Data Sheet is not to be considered as the users risk evaluation. The user is responsible for necessary precautions to fulfil requirements
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SECTION 16. OTHER INFORMATION

Supplier's notes	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 is 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
Version	4
Responsible for safety data sheet	Leca Norge AS
Prepared by	Tone Storbråten