According to regulation (EU) 2020/878

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

1.1. Product identifier

Trade name : Ecomab Fibre Textiles

Type of product:

This product is an article under the REACH definition. As the Classification and labelling regulations (CLP) strictly applies to substances and mixtures it does not make provision for articles. However this product SDS and the defined labelling is provided voluntarily. As a duty of care to the user.

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

1.2.1. Relevant identified uses

Use of the substance/mixture : Article

For industrial use within high temperature applications.

1.2.2. Uses advised against

No additional information available

1.3. Identification of the company

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9140 Temse
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Fax: +32(0)3 711.08.56

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The Netherlands
Tel.: +31 (0) 167 56570

INSULCON GMBH
Germany
Tel.: +49 (0) 2131 408548-0

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Adverse physicochemical, human health and environmental effects

This product is an article and has not to be classified and labelled according to the current laws and regulations. A safety data sheet is not required for this product under Article 31 of REACH.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Extra phrases : This product is an article and has not to be classified and labelled according to the current laws and regulations.

2.3. Other hazards

Other hazards not contributing to the classification:

May cause mechanical irritation to the skin, eyes and respiratory system.

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Supersedes: 14112023/ES/ka
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This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1.Substances
Not applicable

3.2. Mixtures
Not applicable

Comments : Article
All products contain AES wool (synthetic fibres, alkaline earth silicate, CAS 436083-99-7) and maximum 20% viscose, CAS 9004-34-6. .

4. FIRST AID MEASURES

4.1. Description of first aid measures

First-aid measures after inhalation:	Fibrous dust may be liberated when handling in use. If irritation to nose and throat, move to fresh air.
First-aid measures after skin contact:	Gently wash with plenty of soap and water.
First-aid measures after eye contact:	Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion:	Ingestion unlikely. Drink plenty of water.

4.2. Most important symptoms and effects, both acute and delayed Symptoms/effects after inhalation: mechanical irritation.
Symptoms/effects after skin contact: mechanical irritation.
Symptoms/effects after eye contact: mechanical irritation.

5. FIRE-FIGHTING MEASURES

5.1 Non combustible products.
Packaging and surrounding materials may be combustible.
Use extinguishing agent suitable for surrounding combustible materials.

5.1.1 Description fibres
Ecomab textile products can contain viscose (max. 20%). This organic fibre will burn out at a low temperature (aprox. at 200°C). This can cause smoke, however this will happen only once.

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6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment	:	Concerning personal protective equipment to use, see section 8.
Emergency procedures	:	Prohibit unauthorized persons.

6.1.2. For emergency responders

Protective equipment	:	Ensure adequate ventilation. Concerning personal protective equipment to use, see section 8.
Emergency procedures	:	Ensure operatives are trained to minimise exposures.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Avoid sub-soil penetration.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	:	Mechanically recover the product. Minimize generation of dust. High efficiency particulate air filter (HEPA filter).

6.4. Reference to other sections

See Heading 7. See Heading 8. See Heading 13.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Precautions for safe handling:	Obtain special instructions before use. Avoid contact with skin and eyes. Do not eat, drink or smoke when using this product. Clean contaminated areas thoroughly. Use personal protective equipment as required. Ensure good ventilation of the work station.
Hygiene measures:	Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions:	Product must only be kept in the original packaging. Store tightly closed in a dry and cool place.
Prohibitions on mixed storage:	Keep away from food, drink and animal feeding stuffs.

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7.3. Specific end use(s)
For professional users only. See Heading 8.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

8.1. Control parameters

AES wool (synthetic fibres, alkaline earth silicate, CAS 436083-99-7) (436083-99-7)		
EU	Observe general threshold limit for dust.	
United Kingdom	Remark (WEL)	2.0 f/ml and 5 mg/m3 (HSE - EH40 – Workplace Exposure Limit)

8.2. Exposure controls

Hand protection	:	Leather protective gloves
Eye protection	:	Safety glasses with side shields
Skin and body protection	:	Wear suitable protective clothing
Respiratory protection	:	In case of insufficient ventilation, wear suitable respiratory equipment. If dust are formed : Short term exposure. (FFP2)

Other information:
Do not eat, drink or smoke when using this product. Do not take working clothes home. Separate working clothes from town clothes. Launder separately.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on physical and chemical properties

Appearance	White fibre	**Partition coefficient**	Not applicable
Boiling point	Not applicable	**Odour**	None
Flash point	Not applicable	**Fibre melting point**	> 1300°C
Autoflammability	None	**Flammability**	Not applicable
Oxidising properties	None	**Explosive properties**	None
Relative density	50 - 240 kg/m3	**Vapour pressure**	Not applicable
Solubility	Less than 1 mg/l	**pH**	Not applicable

9.2 Other information
Length weighted geometric mean diameter of fibres contained in the product
1.9 – 6 µm

10. STABILITY AND REACTIVITY

10.1. Reactivity
Stable under normal conditions of use.

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10.2. Chemical stability
The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions
No dangerous reactions known.

10.4. Conditions to avoid
No additional information available.

10.5. Incompatible materials
None.

10.6. Hazardous decomposition products
Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity (oral): Not classified (Based on available data, the classification criteria are not met)

Acute toxicity (dermal): Not classified (Based on available data, the classification criteria are not met) Acute toxicity (inhalation): Not classified (Based on available data, the classification criteria are not met)

Skin corrosion/irritation: Not classified (Based on available data, the classification criteria are not met) pH: Not applicable

Serious eye damage/irritation: Not classified (Based on available data, the classification criteria are not met) pH: Not applicable

Respiratory or skin sensitisation: Not classified (Based on available data, the classification criteria are not met)

Germ cell mutagenicity: Not classified (Based on available data, the classification criteria are not met)

Carcinogenicity: Not classified (Based on available data, the classification criteria are not met)

Reproductive toxicity: Not classified (Based on available data, the classification criteria are not met)

STOT-single exposure: Not classified (Based on available data, the classification criteria are not met)

STOT-repeated exposure: Not classified (Based on available data, the classification criteria are not met)

Aspiration hazard Not classified (Not relevant)

Other information: Irritant Properties
When tested using approved methods (Directive 67/548/EC, Annex V, Method B4), fibres contained in this material give negative results. Man-made mineral fibres, can produce a mild irritation resulting in itching or rarely, in some sensitive individuals, in slight reddening. Unlike other irritant reactions this is not the result of allergy or chemical skin damage but is caused by a temporary mechanical effect.

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Other Animal Studies
These materials have been designed to allow rapid clearance from lung tissue. And this low bio-persistence has been confirmed in many studies on AES using EU protocol ECB/TM/27(rev 7). When inhaled, even at very high doses, they do not accumulate to any level capable of producing a serious adverse biological effect. In lifetime chronic studies there was no exposure- related effect more than would be seen with any "inert" dust.

12. ECOLOGICAL INFORMATION

12.1. Toxicity
Ecology - general:
The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Acute aquatic toxicity:
Not classified (Based on available data, the classification criteria are not met)

Chronic aquatic toxicity:
Not classified (Based on available data, the classification criteria are not met)

12.2 Persistence and degradability
Not applicable

12.3 Results of PBT and vPvB assessment

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.4 Other adverse effects

No additional information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste treatment methods:	Disposal must be done according to official regulations. European waste catalogue.
Sewage disposal recommendations:	Do not allow into drains or water courses.
Product/Packaging disposal recommendations:	Dispose in a safe manner in accordance with local/national regulations.

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14. TRANSPORT INFORMATION

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No

No supplementary information available

14.6. Special precautions for user

- Overland transport

Transport regulations (ADR) : Not applicable

- Transport by sea

Transport regulations (IMDG) : Not applicable

- Air transport

Transport regulations (IATA) : Not applicable

- Inland waterway transport

Transport regulations (ADN) : Not applicable

- Rail transport

Transport regulations (RID) : Not applicable

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

Not applicable

15. REGULATORY INFORMATION

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions Contains no substance on the REACH candidate list Contains no REACH Annex XIV substances

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Other information, restriction and prohibition regulations:
This product is an article and has not to be classified and labelled according to the current laws and regulations. A safety data sheet is not required for this product under Article 31 of REACH. This Product Safety Information Sheet has been created on a voluntary basis.

15.1.2. National regulations
No additional information available

15.2. Chemical safety assessment
No chemical safety assessment has been carried out

16. OTHER INFORMATION

Indication of changes:
General revision.

Abbreviations and acronyms:

AND	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DNEL	Derived-No Effect Level
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rai
PBT	Persistent Bioaccumulative Toxic
vPvB	Very Persistent and Very Bioaccumulative

Data sources:
ECHA (European Chemicals Agency).

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