

**Safety data sheet**  
**Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as  
 amended by UK REACH Regulation SI 2019/758**

Printing Date: 24.01.2025

Version Number: 1.0

Revision Date: 24.01.2025

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1 Product identifier:**

**Trade name:** ADFIL® Macrofibres

**1.2 Relevant identified uses of the substance or mixture, and uses advised against:**

No further relevant information available.

**Relevant identified uses of the substance or mixture:** Concrete Admixtures

**Identified uses advised against:** No further relevant information available.

**1.3 Details of the supplier of the safety data sheet:**

**Manufacturer/supplier:**

ADFIL NV  
 Industriestraat 39  
 B-9240 ZELE  
 Belgium

T: +32 52 24 00 00

**1.4 Emergency telephone number:**

Phone number for emergencies: 999 or 112. The numbers are available 24/7.

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture:**

**Classification according to Regulation (EC) No 1272/2008**

The product is not classified, according to the GB CLP regulation.

**2.2 Label elements:**

**Labelling according to Regulation (EC) No 1272/2008** Not classified.

**Hazard pictograms** Not classified.

**Signal word** Not classified.

**Hazard statements** Not classified.

**Precautionary statements**

P273 Avoid release to the environment.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**2.3 Other hazards:**

**Results of PBT and vPvB assessment:**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**SECTION 3: Composition/information on ingredients**

**3.2 Mixtures**

**Description:** For further information, please refer to the product technical data sheet.

**Dangerous components:** Not classified.

**Safety data sheet**

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**Trade name: ADFIL® Macrofibres**

(Contd. of page 1)

**SECTION 4: First aid measures****4.1 Description of first aid measures:**

**General information:** Get medical advice/attention if you feel unwell.

**After inhalation:** No special measures required.

**After skin contact:** Wash with plenty of soap and water.

**After eye contact:** Rinse cautiously with water for several minutes.

**After swallowing:**

Rinse mouth.

Do NOT induce vomiting.

**4.2 Most important symptoms and effects, both acute and delayed:**

No further relevant information available.

**4.3 Indication of any immediate medical attention and special treatment needed:**

No further relevant information available.

**SECTION 5: Firefighting measures****5.1 Extinguishing media:**

**Suitable extinguishing agents:** C02, powder or water mist.

**5.2 Special hazards arising from the substance or mixture:**

No further relevant information available.

**5.3 Advice for firefighters:**

**Protective equipment:** Wear self-contained respiratory protective device.

**Additional information:**

Collect contaminated fire fighting water separately. It must not enter the sewage system.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures:**

Wear protective equipment. Keep unprotected persons away.

**6.2 Environmental precautions:**

Inform respective authorities in case of seepage into water course or sewage system.

**6.3 Methods and material for containment and cleaning up:**

Send for recovery or disposal in suitable receptacles.

**6.4 Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

GB

(Contd. on page 3)

**Safety data sheet**

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**Trade name: ADFIL® Macrofibres**

(Contd. of page 2)

**SECTION 7: Handling and storage****7.1 Precautions for safe handling:**

Do not eat, drink or smoke when using this product.

Store in a well-ventilated place. Keep container tightly closed.

Keep only in original packaging.

Use only outdoors or in a well-ventilated area.

**Information about fire - and explosion protection:** No special measures required.

**7.2 Conditions for safe storage, including any incompatibilities:****STORAGE**

**Information about storage in one common storage facility:** No special measures required.

**Further information about storage conditions:**

Store in a dry place.

Keep cool.

**7.3 Specific end use(s):** No further relevant information available.

**SECTION 8: Exposure controls/personal protection****8.1 Control parameters:****Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Additional information:** Based on the lists valid at the date of SDS creation.

**8.2 Exposure controls:**

**Appropriate engineering controls** No further data; see section 7.

**Individual protection measures, such as personal protective equipment**

**General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

**Respiratory protection:**

Control exposure to ingredients with workplace control parameters if mentioned above. If no ingredients are listed, respiratory protection is generally not required.

If exposure limits are listed and may be exceeded, use approved respiratory protective equipment and filter type appropriate for the listed ingredients. (NIOSH, CEN, etc.).

EN 143.

**Hand protection**

Protective gloves.

EN 374.

**Material of gloves:** PVC gloves

(Contd. on page 4)

GB

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**Trade name: ADFIL® Macrofibres**

(Contd. of page 3)

**Penetration time of glove material:**

The exact breakthrough time has to be determined by the manufacturer of the protective gloves and has to be observed.

**Eye/face protection**

Safety glasses with side shield protection.

EN 166.

**Body protection:** Use personal protective equipment as required.

**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties:****GENERAL INFORMATION****Physical state**

Solid.

**Colour:**

White to Gray

**Odour:**

Odourless.

**Odour threshold:**

Not determined.

**Melting point/freezing point:**

165-170 °C

**Boiling point or initial boiling point and boiling range**

Not determined.

**Flammability**

Not determined.

**Flammability Limits :****Lower and upper explosion limit****Lower:**

Not determined.

**Upper:**

Not determined.

**Flash point:**

Not applicable.

**Method:****Auto-ignition temperature:**

Not determined.

**Decomposition temperature:**

Not determined.

**pH**

Not applicable.

**VISCOSITY****Kinematic viscosity**

Not applicable.

**Dynamic:**

Not applicable.

**Solubility**

Insoluble.

**Water:****Partition coefficient n-octanol/water (log value)**

Not determined.

**Vapour pressure:**

Not applicable.

**Density and/or relative density****Density at 20 °C:**0.9 g/cm<sup>3</sup>**Vapour density:**

Not determined.

**Particle characteristics**

See section 3.

**9.2 Other information:****Appearance:**

Fibres.

**Form:****Important information on protection of health and environment, and on safety:**

Not determined.

**Ignition temperature:**

Product does not present an explosion hazard.

**Explosive properties:**

(Contd. on page 5)

GB

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(Contd. of page 4)

<b>Molecular weight</b>	Not determined.
<b>Information with regard to physical hazard classes</b>	
<b>Explosives</b>	Not applicable.
<b>Flammable gases</b>	Not classified.
<b>Aerosols</b>	Not classified.
<b>Oxidising gases</b>	Not classified.
<b>Gases under pressure</b>	Not classified.
<b>Flammable liquids</b>	Not classified.
<b>Flammable solids</b>	Not classified.
<b>Self-reactive substances and mixtures</b>	Not classified.
<b>Pyrophoric liquids</b>	Not classified.
<b>Pyrophoric solids</b>	Not classified.
<b>Self-heating substances and mixtures</b>	Not classified.
<b>Substances and mixtures, which emit flammable gases in contact with water</b>	Not classified.
<b>Oxidising liquids</b>	Not classified.
<b>Oxidising solids</b>	Not classified.
<b>Organic peroxides</b>	Not classified.
<b>Corrosive to metals</b>	Not classified.
<b>Desensitised explosives</b>	Not classified.

**SECTION 10: Stability and reactivity****10.1 Reactivity:**

Stable under normal conditions.

No further relevant information available.

**10.2 Chemical stability:****Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.**10.3 Possibility of hazardous reactions**

No dangerous reactions known.

No further relevant information available.

**10.4 Conditions to avoid:** Avoid heat, sparks, open flames and other ignition sources.**10.5 Incompatible materials:** Avoid contact with: Strong acids. Strong bases. Strong oxidizers.**10.6 Hazardous decomposition products:** Carbon monoxide and carbon dioxide**SECTION 11: Toxicological information****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****ACUTE TOXICITY** Based on available data, the classification criteria are not met.**Skin corrosion/irritation** Based on available data, the classification criteria are not met.**Serious eye damage/irritation** Based on available data, the classification criteria are not met.**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.**Germ cell mutagenicity** Based on available data, the classification criteria are not met.**Carcinogenicity** Based on available data, the classification criteria are not met.**Reproductive toxicity** Based on available data, the classification criteria are not met.

(Contd. on page 6)

GB

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(Contd. of page 5)

**STOT-single exposure** Based on available data, the classification criteria are not met.

**STOT-repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration hazard** Based on available data, the classification criteria are not met.

**11.2 Information on other hazards****Endocrine disrupting properties**

None of the ingredients is listed.

**SECTION 12: Ecological information****12.1 Toxicity:**

**AQUATIC TOXICITY** No further relevant information available.

**12.2 Persistence and degradability:** No further relevant information available.

**12.3 Bioaccumulative potential:** No further relevant information available.

**12.4 Mobility in soil:** No further relevant information available.

**12.5 Results of PBT and vPvB assessment:**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

**12.7 Other adverse effects:****ADDITIONAL ECOLOGICAL INFORMATION**

**General notes:** Not known to be hazardous to water.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods:**

**Recommendation:**



Must not be disposed together with household garbage. Do not allow product to reach sewage system.

**European waste catalogue:**

07 00 00	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 02 00	wastes from the MFSU of plastics, synthetic rubber and man-made fibres
07 02 13	waste plastic

**UNCLEANED PACKAGING**

**Recommendation:** Disposal must be made according to official regulations.

GB

(Contd. on page 7)

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(Contd. of page 6)

**\* SECTION 14: Transport information****14.1 UN number or ID number**

ADR, IMDG, IATA

Not Regulated

**14.2 UN proper shipping name**

ADR, IMDG, IATA

Not Regulated

**14.3 Transport hazard class(es)**

ADR, ADN, IMDG, IATA

Class

Not Regulated

**14.4 Packing group**

ADR, IMDG, IATA

Not Regulated

**14.5 Environmental hazards:**

Not applicable.

**14.6 Special precautions for user:**

Not applicable.

**14.7 Maritime transport in bulk according  
to IMO instruments**

Not Regulated

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance  
or mixture:**

See Section 2 for hazard identification.

**Poisons Act****Regulated explosives precursors**

None of the ingredients is listed.

**Regulated poisons**

None of the ingredients is listed.

**Reportable explosives precursors**

None of the ingredients is listed.

**Reportable poisons**

None of the ingredients is listed.

**Directive 2012/18/EU**

Named dangerous substances - ANNEX I None of the ingredients is listed.

**DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and  
electronic equipment – Annex II**

None of the ingredients is listed.

**REGULATION (EU) 2019/1148****Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing  
under Article 5(3))**

None of the ingredients is listed.

**Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

**Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

(Contd. on page 8)

GB

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**Trade name: ADFIL® Macrofibres**

(Contd. of page 7)

**Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

***SECTION 16: Other information***

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Date of previous version:** 24.01.2025

**The first date of preparation:** 24.01.2025

**Number of revision times and the latest revision date:** 1.0 / 24.01.2025

GB