

Safety data sheet

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

Printing Date: 16.01.2025

Version Number: 1.0

Revision Date: 16.01.2025

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

1.1 Product identifier:

Trade name: ADFIL® Ignis M180-06, M180-12, M180-18

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.

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Dangerous components: Not classified.

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.

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See Section 13 for disposal information.

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.

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Material of gloves: PVC gloves**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:	Clear.
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	
Water:	Insoluble.
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 ³
Vapour density:	Not determined.
Particle characteristics	
See section 3.	

9.2 Other information:**Appearance:****Form:** Fibres.

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Important information on protection of health and environment, and on safety:	
Ignition temperature:	Not determined.
Explosive properties:	Product does not present an explosion hazard.
Molecular weight	Not determined.
Information with regard to physical hazard classes	
Explosives	Not applicable.
Flammable gases	Not classified.
Aerosols	Not classified.
Oxidising gases	Not classified.
Gases under pressure	Not classified.
Flammable liquids	Not classified.
Flammable solids	Not classified.
Self-reactive substances and mixtures	Not classified.
Pyrophoric liquids	Not classified.
Pyrophoric solids	Not classified.
Self-heating substances and mixtures	Not classified.
Substances and mixtures, which emit flammable gases in contact with water	Not classified.
Oxidising liquids	Not classified.
Oxidising solids	Not classified.
Organic peroxides	Not classified.
Corrosive to metals	Not classified.
Desensitised explosives	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.

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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.

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

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UNCLEANED PACKAGING

Recommendation: Disposal must be made according to official regulations.

* **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.

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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.

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.

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