

According to directive 1907/EC/2006, 2020/878
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Trade name: Fillite

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

1.1 Product identification:

Product name: Fillite.
REACH-registratienummer: 01-2119563688-21
Name of the substance: Ash (residues) Cenospheres
CAS-No: 93924-19-7
EC-No: 300-212-6

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

Use of the substance or mixture: Plastic products: toys | Plastic products: flooring materials | Construction industry | Manufacture of automobiles | Manufacture of electronic components | Surface treatment of metals | Manufacture of abrasives | Manufacture of plastic products | Manufacture of rubber products | Manufacture of adhesives | Manufacture of paints, varnishes, etc, printing ink and mastics | manufacture of synthetic and artificial fibres | manufacture of textiles | fillers | paint additives | abrasives | wastewater treatment | water supply | wastewater management | water treatment
For business use only.

Recommended restrictions on use:

1.3 Details of the supplier of the safety data sheet

Responsible distributor: ASSYST bvba / A.S.O.W. bvba
Hellegatstraat 13a
2590 Berlaar
Belgium
Tel: +32 495 50 61 14 / +32 496 83 70 27
Website: www.assyst.org / www.artsuppliesonweb.com
E-mail: ao@assyst.org / vera.opsommer@assyst.org

1.4 Emergency phone number:

For Belgium: Call the **Poison Control Center (070 245 245 - free)**, if not available: **02 264 96 30** (normal rate) or your doctor. In life-threatening situations, always call the European emergency number **112**.
NHS 24 Direct For help from a GP, visit your GP surgery's website, use an online service to contact your GP, or call the surgery. **For urgent medical help**, use the NHS 111 online service, or **call 111** if you are unable to get help online. **For life-threatening emergencies, call 999** for an ambulance. There is more information about getting medical help on the NHS website.

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture:

Classification according to Directive (EC) No 1272/2008 and its amendments.

Not a hazardous substance or mixture.

2.2 Label elements:

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]: Not applicable.

Not a hazardous substance or mixture.

2.3 Other hazards:

This substance/mixture does not contain any components that can be considered persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information:

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The substance/mixture does not contain components believed to have endocrine-disrupting properties according to REACH article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at level 0.1% or higher.

SECTION 3: Composition and information on ingredients

3.1 Substances:

Name of the substance: Ash (residues) Cenospheres
EC-No: 300-212-6

Components

Notes: No hazardous ingredients

SECTION 4: First aid measures

4.1 Description of first-aid measures:

By inhalation:

Remove to fresh air after inadvertently inhaling dust or fumes in case of overheating or burning.
If symptoms persist, consult a doctor.

On contact with skin:

Remove contaminated clothing and shoes immediately.
Wash up with soap and plenty of water.

On contact with eyes:

Rinse eyes with water as a precaution.
Remove contact lenses.
Protect undamaged eye.
Keep eyes well open during rinsing.

If swallowed:

Clean mouth with water and then drink lots of water.
Do not give milk or alcoholic drinks.
Never let an unconscious person drink (or eat).

4.2 Main acute and delayed symptoms and effects:

Nothing known.

4.3 Indication of immediate medical attention and special treatment required:

No data available.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media:

Suitable extinguishing agents:

Use extinguishing agents suitable for the local conditions and environment.
Non-flammable.

Unsuitable extinguishing media:

Nothing known.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products:

Hazardous combustion products are not known.

5.3 Advice for firefighters:

Special protective equipment for firefighters:

In case of fire, wear a compressed air mask.

Further information:

Standard procedure for chemical fires.

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SECTION 6: Measures in case of accidental release of the substance or mixture

6.1 Personal precautions, protective equipment and emergency procedures:

Personal precautions :

Avoid dust formation.

6.2 Environmental precautions:

Environmental precautions:

No special environmental precautions required.

6.3 Containment and cleaning methods and materials

Cleaning methods:

Sweep up and scoop.

Store in suitable, closed containers for disposal.

6.4 Reference to other sections:

No data available.

SECTION 7: Handling and storage:

7.1 Precautions for safe handling of the substance or mixture

Advice on safe use:

For personal protection, see section 8.

No special treatment advice required.

Advice on protection against fire and explosion:

No special precautions required.

Hygiene measures:

General industrial hygiene practice.

7.2 Conditions for safe storage, including incompatible products

Requirements for storage areas and containers:

Keep container tightly closed in a dry and well-ventilated place.

Advice on common storage:

No special restrictions for storage together with other substances.

Further information on storage stability:

No decomposition if stored and applied as indicated.

7.3 Specific end use:

No data available

SECTION 8: Exposure controls/personal protection measures

8.1 Control parameters:

The product contains no ingredients for which exposure values have been established.

Derived no-effect dose (DNEL) in accordance with Regulation (EC) No 1907/2006:

Name fabric	End use	Exposure routes	Possible health effects	Value
Ash (Residues) Cenospheres	Employees	Inhalation	Short-term exposure, Acute effects	3 mg/m ³
	Employees	Inhalation	Long-term exposure, Local effects	0.113 mg/m ³
	Employees		Short-term exposure, Local effects	3 mg/m ³

Predicted no-effect concentration (PNEC) according to Regulation (EC) No 1907/2006:

Name fabric	Environmental compartment	Value
Ash (Residues) Cenospheres	Freshwater	2 mg/l
	Seawater	0.2 mg/l
	Sewage treatment plant	100 mg/l
	Bottom	333.3 mg/kg

8.2 Exposure control measures:

Personal protective equipment

Eye protection:

Safety glasses.

Hand protection:

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Notes:

In case of persistent or repeated contact, wear gloves.

Skin and body protection:

Protective clothing.

Respiratory protection:

No personal respiratory protection required in normal use.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Physical state:	Coarse powder
Colour:	grey
Odour:	not significant
Melting point/trajectory:	1.260 - 1.560°C
Flammability:	Does not burn
Upper explosion limit / Upper flammability limit:	none
Lower explosion limit / Lower flammability limit:	none
Flash point:	non-flammable
Self-ignition temperature:	none
pH:	6,5 - 6,9
Solubility	
Solubility in water:	< 0.068 g/l
Density:	0.7 g/cm ³
Bulk specific gravity:	400 kg/m ³ (20°C)

9.2 Other information

No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity:

Stable under recommended storage conditions.

10.2 Chemical stability:

No decomposition if stored and applied as indicated.

10.3 Possible hazardous reactions:

Dangerous reactions:

No hazards that need special mention.

10.4 Conditions to avoid

Conditions to avoid:

Not applicable.

No data available.

10.5 Chemically interacting materials:

Materials to avoid:

Not applicable.

10.6 Hazardous decomposition products:

No data available.

SECTION 11: Toxicological information

11.1 Information on toxicological effects:

Acute toxicity

Product:

Acute oral toxicity:

No data available

Acute toxicity by inhalation:

Not implemented .

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Acute dermal toxicity:

Not applicable

Skin corrosion/irritation

Product:

Not applicable

Serious eye damage/eye irritation

Product:

Based on available data; classification criteria not met.

Respiratory/skin sensitisation

Product:

No sensitising effects known.

Carcinogenicity

Product:

Comments: No data available

Reproductive toxicity

Product:

Effects on fertility:

Comments: No data available

Effects on foetal development:

Comments: No data available

STOT from single exposure

Product:

Notes: Not applicable

STOT on repeated exposure

Product:

Notes: Not applicable

Repeated-dose toxicity

Product:

Comments: No data available

Aspiration toxicity

Product:

Comments: No data available

11.2 Information on other hazards

The substance/mixture does not contain components believed to have endocrine-disrupting properties according to REACH article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at level 0.1% or higher.

SECTION 12: Ecological information

12.1 Toxicity:

Product:

Toxicity to fish:

Comments: Aquatic toxicity is unlikely due to low solubility.

Toxicity to daphnia's and other aquatic invertebrates:

Notes: Contains no substances known to be hazardous to the environment or non-biodegradable in wastewater treatment plants.

12.2 Persistence and degradability:

Product:

Biodegradable:

Notes: The method for determining biodegradability is not applicable to inorganic substances.

12.3 Bioaccumulation:

No data available.

12.4 Mobility in soil:

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No data available.

12.5 Results of PBT and vPvB assessment

Product:

Assessment:

Not applicable

This substance or mixture does not contain any components considered persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at a concentration of 0.1% or more.

12.6 Endocrine disrupting properties

Product:

Assessment:

The substance/mixture does not contain components believed to have endocrine-disrupting properties according to REACH article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at level 0.1% or higher.

12.7 Other adverse effects:

Product:

Additional ecological information:

No data are available for this product.

SECTION 13: Instructions for disposal

13.1 Waste treatment methods:

Product:

Offer residues and non-reusable solutions to a licensed disposal company.

Contaminated packaging:

Remove residue left behind.

Empty containers should be disposed of at an authorised waste treatment facility for reuse or disposal.

SECTION 14: Transport information

14.1 UN number

Not regulated as a hazardous substance.

14.2 Proper designation of cargo according to UN model regulations

Not regulated as a hazardous substance.

14.3 Transport hazard class(es)

Not regulated as a hazardous substance.

14.4 Packing group

Notes:

Segregation group of the IMDG Code - none

Not regulated as a hazardous substance.

14.5 Environmental risks

Not regulated as a hazardous substance.

14.6 Special precautions for the user

Notes:

The transport of dangerous goods, including loading and unloading, must be carried out as prescribed by personnel who have received the necessary training.

14.7 Transport in bulk in accordance with Annex II to MARPOL 73/78 and the IBC Code

Notes: Not applicable for the product as supplied.

SECTION 15: Statutory information

15.1 Safety, health and environmental regulations and legislation specific to the substance or mixture

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII):

Not applicable

REACH - Candidate list of substances of very high concern for authorisation (Article 59):

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Not applicable

Regulation (EC) No 1005/2009 on ozone-depleting substances:

Not applicable

Regulation (EE) 2019/1021 on persistent organic pollutants (recast):

Not applicable

Regulation (EC) No 649/2012 of the European Parliament and of the Council concerning the export and import of dangerous chemicals:

Not applicable

REACH - List of substances subject to authorisation (Annex XIV):

Not applicable

Directive 96/82/EC does not apply

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances:

Not applicable

Volatile organic compounds. Directive 2010/75/EU of the European Parliament and of the Council of 24 November 2010 on industrial emissions (integrated pollution prevention and control):

Not applicable

15.2 Chemical safety assessment:

A chemical safety assessment has been carried out for this substance.

As no toxicological hazard was identified, no human (worker/consumer) -related exposure assessment and risk characterisation was performed.

As no environmental hazard was identified, no environment-related exposure assessment and risk characterisation was performed.

SECTION 16: Other information

Full text of other abbreviations:

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR Agreement); AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Association for the Testing of Materials; bw - Body Weight; CLP - Regulation on Classification, Labelling and Packaging; Regulation (EC) No 1272/2008; CMR - Carcinogenic, mutagenic or toxic to reproduction; DIN - Standard of the German Institute for Standardisation; DSL - List of substances used indoors (Canada); ECHA - European Chemicals Agency; EC-Number - EINECS number; ECx - Concentration associated with x% response; ELx - Charge capacity associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemicals (Japan); ErCx - Concentration associated with x% growth response; GHS - Globally Harmonised System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - IMO International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk; IC50 - Half-Maximum Inhibitory Concentration; ICAO - International Civil Aviation Organisation; IECSC - Inventory List of Existing Chemicals in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organisation; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardisation; KECI - Korean Inventory of Existing Chemicals; LC50 - Lethal concentration for 50% of a test population; LD50 - Lethal dose for 50% of a test population (lethal dose median); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not otherwise specified; NO(A)EC - No discernible (negative) effect on concentration; NO(A)EL - No discernible (negative) effect on Level; NOELR - No discernible effect on cargo capacity; NZIoC - New Zealand inventory of chemicals; OECD - Organisation for Economic Co-operation and Development OECD; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, bioaccumulative and toxic substance; PICCS - Philippine inventory of chemicals and chemical substances; (Q)SAR - (Quantitative) structure-activity relationships; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH); RID - Regulations concerning the International Carriage of Dangerous Goods by Rail (RID); SADT - Self-accelerating decomposition temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwanese Inventory of Chemical Substances; TECI - Inventory of Chemical Substances Existing in Thailand; TRGS

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- Technical Regulation on Hazardous Substances; TSCA - Toxic Substances Control Act (USA); UN - United Nations;
vPvB - Very Persistent and Very Bioaccumulative

Further information

This safety data sheet contains safety information only and does not replace product information or product specification.

Sources of key data used to compile the safety data sheet:

Information taken from reference works and the literature.

The information in this safety data sheet is correct to the best of our knowledge at the date of issue indicated. This information is intended only as guidance for safe handling, use, processing, storage, transportation, disposal, and release, and should not be considered a guarantee or indication of quality. The information relates only to the product mentioned herein and is not automatically valid when used with other products or in any other process, unless stated in the text.