

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006

FILTER FLOC TABLETS

Version 2.0
Revision Date 2011/02/08

Print Date 2011/02/08
MSDS code: MYYY386

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name : FILTER FLOC TABLETS

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

Use of the Substance/Mixture : At this time we do not yet have information on identified uses. They will be included in this safety data sheet when available.

Recommended restrictions on use : At that time we do not yet have information on use restrictions. They will be included in this safety data sheet when available.

1.3. Details of the supplier of the safety data sheet

Company : Brenntag UK & Ireland
Albion House, Rawdon Park
GB LS19 7XX Leeds Yeadon

Telephone : 0113 3879 200
Telefax : 0113 3879 280
E-mail address : msds@brenntag.co.uk

1.4. Emergency telephone number

Emergency telephone number : Emergency only telephone number (open 24 hours):
01865 407333 (N.C.E.C. Culham)

2. Hazards identification

2.1. Classification of the substance or mixture

Classification according to EU Directives 67/548/EEC or 1999/45/EC

Directive 67/548/EEC or 1999/45/EC	
Hazard symbol / Category of danger	Risk phrases
Irritant (Xi)	R36/37/38

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For the full text of the R-phrases mentioned in this Section, see Section 16.

Most important adverse effects

Human Health : See section 11 for toxicological information.
No further information available.

Physical and chemical hazards : See section 9 for physicochemical information.
No further information available.

2.2. Label elements**Labelling according to EC Directives 67/548/EEC or 1999/45/EC**

Hazard symbols:



Irritant

R-phrase(s)	: R36/37/38	Irritating to eyes, respiratory system and skin.
S-phrase(s)	: S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S28	After contact with skin, wash immediately with plenty of water.
	S37	Wear suitable gloves.
	S39	Wear eye/face protection.

2.3. Other hazards

No other information is available.

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Hazardous components	Amount [%]	Classification (REGULATION (EC) No 1272/2008)		Classification (67/548/EEC)
		Hazard class / Hazard category	Hazard statements	
Aluminium sulphate				
CAS-No. : 10043-01-3	>= 25 - < 50	Skin Irrit.2	H315	Xi; R36/37/38
EC-No. : 233-135-0		Eye Irrit.2	H319	
		STOT SE3	H335	

For the full text of the R-phrases mentioned in this Section, see Section 16.

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. First aid measures**4.1 Description of first aid measures**

General advice	: Take off all contaminated clothing immediately.
If inhaled	: Remove to fresh air. If symptoms call a physician. If breathing is irregular or stopped, administer artificial respiration. If unconscious place in recovery position.
In case of skin contact	: Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.
In case of eye contact	: Rinse immediately with plenty of water, also under the eyelids, for at least 5 minutes. Consult an eye specialist immediately. Go to an ophthalmic hospital if possible.
If swallowed	: Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms : No further information available.

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Effects : No further information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically.
No further information available.

5. Fire-fighting measures**5.1. Extinguishing media**

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media : High volume water jet

5.2. Special hazards arising from the substance or mixture

Specific hazards during fire fighting : Incomplete combustion may form toxic pyrolysis products.

5.3. Advice for firefighters

Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus. Wear personal protective equipment.

Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

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

Personal precautions : Use personal protective equipment. Avoid contact with skin and eyes. Do not breathe vapours or spray mist. For personal protection see section 8.

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6.2 Environmental precautions

Environmental precautions : Do not flush into surface water or sanitary sewer system.

6.3 Methods and materials for containment and cleaning up

Methods and materials for containment and cleaning up : Use mechanical handling equipment. Keep in suitable, closed containers for disposal.

: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders). Keep in suitable, closed containers for disposal.

Further information : Treat recovered material as described in the section "Disposal considerations".

6.4 Reference to other sections

For personal protection see section 8.

7. Handling and storage**7.1 Precautions for safe handling**

Advice on safe handling : Keep container tightly closed. Avoid formation of aerosol. Do not breathe vapours or spray mist. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Emergency eye wash fountains and emergency showers should be available in the immediate vicinity.

Hygiene measures : Keep away from food, drink and animal feedingstuffs. Smoking, eating and drinking should be prohibited in the application area. Wash hands before breaks and at the end of workday. Take off all contaminated clothing immediately. Provide adequate ventilation. Avoid contact with the skin and the eyes.

7.2 Conditions for safe storage, including any incompatibilities

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Requirements for storage areas and containers : Keep only in the original container.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Further information on storage conditions : Keep tightly closed in a dry and cool place. Keep away from heat.

Advice on common storage : Keep away from food, drink and animal feedingstuffs.

7.3 Specific end uses

Specific use(s) : No information available.

8. Exposure controls/personal protection

8.1. Control parameters

Component: Aluminium sulphate	CAS-No.
	10043-01-3

Other OELs

Regulatory Basis	: UK. EH40 Workplace Exposure Limits (WELs)
Regulatory List	: EH40 WEL
Value type	: Time Weighted Average (TWA):
Value	: 2 mg/m ³

8.2. Exposure controls

Engineering measures

Refer to protective measures listed in sections 7 and 8.

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Personal protective equipment*Respiratory protection*

Advice : Required, if exposure limit is exceeded (e.g. OEL).

Hand protection

Advice : The glove material has to be impermeable and resistant to the product / the substance / the preparation.
Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).
Protective gloves should be replaced at first signs of wear.
The following materials are suitable:
PVC

Eye protection

Advice : Tightly fitting safety goggles

Skin and body protection

Advice : Wear personal protective equipment.

Environmental exposure controls

General advice : Do not flush into surface water or sanitary sewer system.

9. Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Form : solid
Colour : white
Odour : faint
Odour Threshold : Currently we do not have any Information from our supplier about this.
pH : 1.5
100 g/l

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Melting point/range	: 770 °C
Boiling point	: Currently we do not have any Information from our supplier about this.
Flash point	: Currently we do not have any Information from our supplier about this.
Evaporation rate	: Currently we do not have any Information from our supplier about this.
Flammability (solid, gas)	: Currently we do not have any Information from our supplier about this.
Upper explosion limit	: Currently we do not have any Information from our supplier about this.
Lower explosion limit	: Currently we do not have any Information from our supplier about this.
Vapour pressure	: Currently we do not have any Information from our supplier about this.
Relative vapour density	: Currently we do not have any Information from our supplier about this.
Relative density	: 1.69
Water solubility	: soluble
Partition coefficient: n-octanol/water	: Currently we do not have any Information from our supplier about this.
Ignition temperature	: Currently we do not have any Information from our supplier about this.
Thermal decomposition	: Currently we do not have any Information from our supplier about this.
Viscosity, kinematic	: Currently we do not have any Information from our supplier about this.
Explosivity	: Currently we do not have any Information from our supplier about this.
Oxidizing properties	: The substance or mixture is not classified as oxidizing.

9.2 Other information

No further information available.

10. Stability and reactivity

10.1. Reactivity

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Advice : Stable under recommended storage conditions.

10.2. Chemical stability

Advice : Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions : Stable under recommended storage conditions.

10.4. Conditions to avoid

Conditions to avoid : Heat.

10.5. Incompatible materials

Materials to avoid : Strong acids and oxidizing agents

10.6. Hazardous decomposition products

Hazardous decomposition products : Toxic gases
Sulphur oxides

11. Toxicological information

11.1. Information on toxicological effects

Product:	FILTER FLOC TABLETS	CAS-No.	10043-01-3
Acute toxicity			
Oral			
Value type	:	LD50	
Value	:	> 5,000 mg/kg	
Species	:	rat	
Inhalation			

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Remarks : Irritating to respiratory system.

Irritation

Skin

Remarks : Irritating to skin.

Eyes

Remarks : Irritating to eyes.

Sensitisation

Remarks : No sensitizing effect known.

12. Ecological information

12.1. Toxicity

12.2. Persistence and degradability

Product: FILTER FLOC TABLETS

**CAS-No.
10043-01-3**

Persistence and degradability

Biodegradability

Remarks : Readily biodegradable

12.3. Bioaccumulative potential

Product: FILTER FLOC TABLETS

**CAS-No.
10043-01-3**

Bioaccumulation

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Remarks : The product has low potential bioaccumulation.
This substance is not considered to be persistent, bioaccumulating nor toxic (PBT).

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

Product: FILTER FLOC TABLETS	CAS-No. 10043-01-3
Additional ecological information	

Remarks : Do not flush into surface water or sanitary sewer system.
Avoid subsoil penetration.

13. Disposal considerations

13.1. Waste treatment methods

Product : Disposal together with normal waste is not allowed. Special disposal required according to local regulations. Do not let product enter drains. Contact waste disposal services.

Contaminated packaging : Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning. Packagings that cannot be cleaned are to be disposed of in the same manner as the product.

European Waste Catalogue Number : No waste code according to the European Waste Catalogue can be assigned for this product, as the intended use dictates the assignment. The waste code is established in consultation with the regional waste disposer.

14. Transport information

Not dangerous goods

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14.1. UN number

|| Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packaging group

Not applicable.

14.5. Environmental hazards

Not applicable.

14.6. Special precautions for user

Not applicable.

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

IMDG : Not applicable.

15. Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****15.2. Chemical Safety Assessment**

Currently we do not have any Information from our supplier about this.

16. Other information

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Full text of R-phrases referred to under sections 2 and 3.

R36/37/38 Irritating to eyes, respiratory system and skin.

Full text of H-Statements referred to under sections 2 and 3.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

Further information

Other information : The information provided in this Safety Data Sheet is correct to our knowledge at the date of its revision. The information given only describes the products with regard to safety arrangements and is not to be considered as a warranty or quality specification and does not constitute a legal relationship. The information contained in this Safety Data Sheet relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text

|| Indicates updated section.