

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

**CHAMPION FILTER WHITE**

Version 5.0

Print Date 2019/01/23

Revision date / valid from 2019/01/23

MSDS code: MVVV044

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Trade name : CHAMPION FILTER WHITE

**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.

Uses advised against : At this moment we have not identified any uses advised against

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

Company : Brenntag UK Limited  
Alpha House, Lawnswood Business Park  
GB LS16 6QY Leeds

Telephone : +44 (0) 113 3879 200  
Telefax : +44 (0) 113 3879 280  
E-mail address : msds@brenntag.co.uk

**1.4. Emergency telephone number**Emergency telephone number : Emergency only telephone number (open 24 hours):  
+44 (0) 1865 407333 (N.C.E.C. Culham)**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008

REGULATION (EC) No 1272/2008			
Hazard class	Hazard category	Target Organs	Hazard statements
Corrosive to metals	Category 1	---	H290
Skin corrosion	Category 1A	---	H314
Specific target organ toxicity - single exposure	Category 3	Respiratory system	H335


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

**Most important adverse effects**

Human Health	:	See section 11 for toxicological information.
Physical and chemical hazards	:	See section 9/10 for physicochemical information.
Potential environmental effects	:	See section 12 for environmental information.

**2.2. Label elements****Labelling according to Regulation (EC) No 1272/2008**

Hazard symbols	:	
Signal word	:	Danger
Hazard statements	:	H290                      May be corrosive to metals. H314                      Causes severe skin burns and eye damage. H335                      May cause respiratory irritation.
Precautionary statements		
Prevention	:	P260                      Do not breathe dust or mist. P280                      Wear protective gloves/ protective clothing/ eye protection/ face protection.
Response	:	P301 + P330 + P331    IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303 + P361 + P353    IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. P304 + P340 + P310    IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor. P305 + P351 + P338    IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Hazardous components which must be listed on the label:**

- sodium hydroxide
- II • disodium metasilicate

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### 2.3. Other hazards

For Results of PBT and vPvB assessment see section 12.5.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Hazardous components	Amount [%]	Classification (REGULATION (EC) No 1272/2008)	
		Hazard class / Hazard category	Hazard statements
<b>sodium carbonate</b>			
Index-No. : 011-005-00-2	>= 10 - <= 30	Eye Irrit.2	H319
CAS-No. : 497-19-8			
EC-No. : 207-838-8			
EU REACH- : 01-2119485498-19-xxxx			
Reg. No.			
<b>sodium hydroxide</b>			
Index-No. : 011-002-00-6	>= 10 - <= 30	Met. Corr.1 Skin Corr.1A Eye Dam.1	H290 H314 H318
CAS-No. : 1310-73-2			
EC-No. : 215-185-5			
EU REACH- : 01-2119457892-27-xxxx			
Reg. No.			
<b>disodium metasilicate</b>			
Index-No. : 014-010-00-8	>= 10 - <= 30	Met. Corr.1 Skin Corr.1B STOT SE3	H290 H314 H335
CAS-No. : 6834-92-0			
EC-No. : 229-912-9			
EU REACH- : 01-2119449811-37-xxxx			
Reg. No.			

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

General advice	: Remove from exposure, lie down. Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Take off all contaminated clothing immediately.
If inhaled	: If unconscious, place in recovery position and seek medical advice. Give oxygen. Remove to fresh air.
In case of skin contact	: Wash off immediately with plenty of water for at least 15 minutes. Cover wound with sterile dressing. Immediate medical

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	treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficulty.
In case of eye contact	: Rinse thoroughly with plenty of water, also under the eyelids. Call a physician immediately.
If swallowed	: Rinse mouth with water. If swallowed, do not induce vomiting - seek medical advice.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms	: See Section 11 for more detailed information on health effects and symptoms.
Effects	: See Section 11 for more detailed information on health effects and symptoms.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treatment	: Treat symptomatically. No further information available.
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable extinguishing media	: High volume water jet

### 5.2. Special hazards arising from the substance or mixture

Specific hazards during firefighting	: Hazardous decomposition products, Carbon oxides, toxic metal oxide fume
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### 5.3. Advice for firefighters

Special protective equipment for firefighters	: In the event of fire, wear self-contained breathing apparatus. Protective suit
Further advice	: Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	: Use personal protective equipment. Keep people away from and upwind of spill/leak. Provide adequate ventilation. Keep away from heat and sources of ignition. Avoid contact with skin and eyes. For personal protection see section 8.
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**CHAMPION FILTER WHITE****6.2. Environmental precautions**

Environmental precautions : Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration. If the product contaminates rivers and lakes or drains inform respective authorities. Local authorities should be advised if significant spillages cannot be contained.

**6.3. Methods and materials for containment and cleaning up**

Methods and materials for containment and cleaning up : Ensure adequate ventilation. This material and its container must be disposed of as hazardous waste.

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

**6.4. Reference to other sections**

For personal protection see section 8.

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

Advice on safe handling : Keep container tightly closed. Handle and open container with care. Avoid contact with skin, eyes and clothing.

Hygiene measures : Take off all contaminated clothing immediately. Avoid contact with the skin and the eyes. 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.

**7.2. Conditions for safe storage, including any incompatibilities**

Requirements for storage areas and containers : Store in original container.

Advice on protection against fire and explosion : Keep away from heat and sources of ignition.

Further information on storage conditions : Keep tightly closed in a dry and cool place. Keep in a well-ventilated place.

Advice on common storage : Keep away from food, drink and animal feedingstuffs. Do not store near acids. Keep away from metals.

**7.3. Specific end use(s)**

Specific use(s) : No information available.

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

<b>Component:</b>	<b>sodium carbonate</b>	<b>CAS-No. 497-19-8</b>
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<b>Derived No Effect Level (DNEL)/Derived Minimal Effect Level (DMEL)</b>
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DNEL Workers, long-term, Inhalation	:	10 mg/m <sup>3</sup>
DNEL Consumers, Acute - local effects, Inhalation	:	10 mg/m <sup>3</sup>

<b>Predicted No Effect Concentration (PNEC)</b>
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Not applicable	:	
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<b>Component:</b>	<b>sodium hydroxide</b>	<b>CAS-No. 1310-73-2</b>
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<b>Derived No Effect Level (DNEL)/Derived Minimal Effect Level (DMEL)</b>
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DNEL Workers, Long-term - local effects, Inhalation	:	1.0 mg/m <sup>3</sup>
DNEL Consumers, Long-term - local effects, Inhalation	:	1.0 mg/m <sup>3</sup>

<b>Predicted No Effect Concentration (PNEC)</b>
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No PNEC value was derived.	:	
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<b>Other Occupational Exposure Limit Values</b>
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UK. EH40 Workplace Exposure Limits (WELs), Short Term Exposure Limit (STEL): 2 mg/m <sup>3</sup>
ELV (IE), Short Term Exposure Limit (STEL): 2 mg/m <sup>3</sup>

<b>Component:</b>	<b>disodium metasilicate</b>	<b>CAS-No. 6834-92-0</b>
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<b>Derived No Effect Level (DNEL)/Derived Minimal Effect Level (DMEL)</b>
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DNEL Workers, Long-term - systemic effects, Inhalation	:	6.22 mg/m <sup>3</sup>
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DNEL		
Workers, Long-term - systemic effects, Skin contact	:	1.49 mg/kg bw/day
DNEL		
Consumers, Long-term - systemic effects, Inhalation	:	1.55 mg/m <sup>3</sup>
DNEL		
Consumers, Long-term - systemic effects, Ingestion	:	0.74 mg/kg bw/day
DNEL		
Consumers, Long-term - systemic effects, Skin contact	:	0.74 mg/kg bw/day

### Predicted No Effect Concentration (PNEC)

Fresh water	:	7.5 mg/l
Marine water	:	1 mg/l
Sewage treatment plant (STP)	:	1000 mg/l
Intermittent releases	:	7.5 mg/l

## 8.2. Exposure controls

### Appropriate engineering controls

Refer to protective measures listed in sections 7 and 8.

### Personal protective equipment

#### *Respiratory protection*

Advice : Respirator with a dust filter

#### *Hand protection*

Advice : Wear suitable gloves.  
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.  
Protective gloves complying with EN 374.

#### *Eye protection*

Advice : Tightly fitting safety goggles

#### *Skin and body protection*

Advice : Protective suit

**CHAMPION FILTER WHITE****Environmental exposure controls**

General advice : Do not flush into surface water or sanitary sewer system.  
Avoid subsoil penetration.  
If the product contaminates rivers and lakes or drains inform respective authorities.  
Local authorities should be advised if significant spillages cannot be contained.

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

Form	: solid
Colour	: cream
Odour	: odourless
Odour Threshold	: no data available
pH	: 11 (20 g/l )
Melting point/range	: 1,089 °C
Boiling point	: no data available
Flash point	: no data available
Evaporation rate	: no data available
Flammability (solid, gas)	: no data available
Upper explosion limit	: no data available
Lower explosion limit	: no data available
Vapour pressure	: no data available
Relative vapour density	: no data available
Density	: 1.5 - 2 g/cm <sup>3</sup>
Solubility/qualitative	: no data available
Partition coefficient: n-octanol/water	: no data available
Auto-ignition temperature	: no data available
Thermal decomposition	: no data available
Viscosity, dynamic	: no data available



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Explosivity : no data available

Oxidizing properties : not oxidising

### 9.2. Other information

No further information available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Advice : No information available.

### 10.2. Chemical stability

Advice : No decomposition if stored and applied as directed.  
No further information available.

### 10.3. Possibility of hazardous reactions

Hazardous reactions : Oxidizing agents

### 10.4. Conditions to avoid

Conditions to avoid : No information available.

### 10.5. Incompatible materials

Materials to avoid : No information available.

### 10.6. Hazardous decomposition products

Hazardous decomposition products : Carbon oxides, toxic metal oxide fume

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Data for the product
<b>Acute toxicity</b>
<b>Oral</b>
no data available
<b>Inhalation</b>
no data available
<b>Dermal</b>

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no data available

**Irritation**
**Skin**

no data available

**Eyes**

no data available

**Sensitisation**

no data available

**CMR effects**
**CMR Properties**

Carcinogenicity : no data available

Mutagenicity : no data available

Reproductive toxicity : no data available

**Specific Target Organ Toxicity**
**Single exposure**

no data available

**Repeated exposure**

no data available

**Other toxic properties**
**Repeated dose toxicity**

no data available

**Aspiration hazard**

no data available

**Component:****sodium carbonate****CAS-No. 497-19-8**
**Acute toxicity**

**CHAMPION FILTER WHITE****Oral**

|| LD50 : 2800 mg/kg body weight(Rat, male and female)

**Inhalation**

|| LC50 : 2.3 mg/l (Rat; 2 h) (OECD Test Guideline 403)Inhalation may cause pain and cough.

**Dermal**

|| LD50 : > 2000 mg/kg body weight(Rabbit) (US-EPA method)

**Irritation****Skin**

|| Result : No skin irritation (Rabbit) (OECD Test Guideline 404)

**Eyes**

|| Result : Severe eye irritation (Rabbit) (US-EPA method)

**Sensitisation**

|| Result : not sensitizing

**CMR effects****CMR Properties**

|| Carcinogenicity : Study scientifically not justified.  
|| Mutagenicity : In vitro tests did not show mutagenic effects  
|| Teratogenicity : Animal testing did not show any effects on foetal development.  
|| Reproductive toxicity : Study scientifically not justified.

**Specific Target Organ Toxicity****Single exposure**

|| Remarks : The substance or mixture is not classified as specific target organ toxicant, single exposure.

**Repeated exposure**

|| Remarks : The substance or mixture is not classified as specific target organ

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||

toxicant, repeated exposure.

### Other toxic properties

#### Repeated dose toxicity

|||

Sodium carbonate dissociates into ions that are present physiologically in relatively high levels in vertebrates. Therefore, repeated dose toxicity studies are considered (scientifically) unnecessary, in accordance with column 2 of REACH Annex VIII and IX.

#### Aspiration hazard

||

No aspiration toxicity classification,

Component:

sodium hydroxide

CAS-No. 1310-73-2

#### Acute toxicity

##### Oral

||

No valid data available.

##### Inhalation

||

No valid data available.

##### Dermal

||

No valid data available.

#### Irritation

##### Skin

||

Result

: Very corrosive (Rabbit) (No guideline followed)

##### Eyes

||

Result

: Irritating to eyes. (Rabbit) (OECD - Guideline 405)

#### Sensitisation

||

Result

: not sensitizing (human) (No guideline followed) Patch test on human volunteers did not demonstrate sensitisation properties.

#### CMR effects

**CHAMPION FILTER WHITE****CMR Properties**

Carcinogenicity	:	No experimental references for cancerogenity available.
Mutagenicity	:	In vitro tests did not show mutagenic effects In vivo tests did not show mutagenic effects
Teratogenicity	:	no data available
Reproductive toxicity	:	Not expected to impair fertility.

**Specific Target Organ Toxicity****Single exposure**

Remarks	:	The substance or mixture is not classified as specific target organ toxicant, single exposure.
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**Repeated exposure**

Remarks	:	The substance or mixture is not classified as specific target organ toxicant, repeated exposure.
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**Other toxic properties****Aspiration hazard**

	:	Not applicable,
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<b>Component:</b>	<b>disodium metasilicate</b>	<b>CAS-No. 6834-92-0</b>
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**Acute toxicity****Oral**

LD50 Oral	:	1152 - 1349 mg/kg (Rat)
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**Inhalation**

LC50	:	> 2.06 g/m <sup>3</sup> (Rat; 4 h) (US-EPA method)
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**Dermal**

LD50	:	> 5000 mg/kg (Rat)
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**Irritation****Skin**

Result	:	corrosive effects (Rabbit)
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**Eyes**

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|| Result : corrosive effects (Rabbit)

**Sensitisation**

|| Result : No sensitizing effect known.

**CMR effects****CMR Properties**

|| Carcinogenicity : Not expected to be carcinogenic.  
 || Mutagenicity : In vitro tests did not show mutagenic effects  
 In vivo tests did not show mutagenic effects  
 || Teratogenicity : It is not considered teratogenic.  
 || Reproductive toxicity : It is not considered toxic for reproduction.

**Specific Target Organ Toxicity****Single exposure**

|| Inhalation : Target Organs: Respiratory system May cause respiratory irritation.

**Repeated exposure**

|| Remarks : Based on available data, the classification criteria are not met.

**Other toxic properties****Repeated dose toxicity**

|| NOAEL : 227 mg/kg bw/day  
 (Rat)(Oral)  
 || NOAEL : 260 mg/kg bw/day  
 (Mouse)(Oral)

**Aspiration hazard**

|| Not applicable,

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

**Component:** sodium carbonate

**CAS-No.** 497-19-8

**CHAMPION FILTER WHITE****Acute toxicity****Fish**

|| EC50 : 300 mg/l (Lepomis macrochirus; 96 h)

**Toxicity to daphnia and other aquatic invertebrates**

|| : 200 - 227 mg/l (Freshwater invertebrates; 48 h)

**algae**

|| : Study scientifically unjustified.

**Bacteria**

|| : Study scientifically unjustified.

**Short-term (acute) aquatic hazard**

|| Result : This product has no known ecotoxicological effects.  
Study scientifically unjustified.

**Chronic toxicity****Long-term (chronic) aquatic hazard**

|| Result : Study scientifically unjustified.

**Component:** sodium hydroxide CAS-No. 1310-73-2

**Acute toxicity****Fish**

|| LC50 : 125 mg/l (Gambusia affinis; 96 h) (No guideline followed)  
|| LC50 : 145 mg/l (Poecilia reticulata; 24 h) (No guideline followed)

**Toxicity to daphnia and other aquatic invertebrates**

|| EC50 : 40.4 mg/l (Ceriodaphnia (water flea); 48 h) (No guideline followed)

**algae**

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|| : no data available

### Bacteria

|| EC50 : 22 mg/l (Photobacterium phosphoreum; 15 min) (EPS 1/RM/24)

<b>Component:</b>	<b>disodium metasilicate</b>	<b>CAS-No. 6834-92-0</b>
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### Acute toxicity

### Fish

|| LC50 : 210 mg/l (Brachydanio rerio; 96 h)

### Toxicity to daphnia and other aquatic invertebrates

|| EC50 : 1700 mg/l (Daphnia magna; 48 h)

### algae

|| EC50 : 207 mg/l (Scenedesmus subspicatus; 72 h) (End point: Biomass)  
 || EC50 : > 345.4 mg/l (Scenedesmus subspicatus; 72 h) (End point: Growth rate)

## 12.2. Persistence and degradability

<b>Component:</b>	<b>sodium carbonate</b>	<b>CAS-No. 497-19-8</b>
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### Persistence and degradability

### Persistence

|| Result : decomposition by hydrolysis.

### Biodegradability

|| Result : The methods for determining the biological degradability are not applicable to inorganic substances.

<b>Component:</b>	<b>sodium hydroxide</b>	<b>CAS-No. 1310-73-2</b>
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### Persistence and degradability

### Persistence

|| Result : no data available



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### Biodegradability

|| Result : The methods for determining the biological degradability are not applicable to inorganic substances.

**Component:** **disodium metasilicate** **CAS-No. 6834-92-0**

### Persistence and degradability

### Biodegradability

|| Result : The methods for determining the biological degradability are not applicable to inorganic substances.

### 12.3. Bioaccumulative potential

**Component:** **sodium carbonate** **CAS-No. 497-19-8**

### Bioaccumulation

|| Result : Bioaccumulation is not expected.

**Component:** **sodium hydroxide** **CAS-No. 1310-73-2**

### Bioaccumulation

|| Result : Does not bioaccumulate.

**Component:** **disodium metasilicate** **CAS-No. 6834-92-0**

### Bioaccumulation

|| Result : Does not bioaccumulate.

### 12.4. Mobility in soil

**Component:** **sodium carbonate** **CAS-No. 497-19-8**

### Mobility

|| : study scientifically unjustified

**Component:** **sodium hydroxide** **CAS-No. 1310-73-2**

### Mobility

|| Water : The product is mobile in water environment.

**Component:** **disodium metasilicate** **CAS-No. 6834-92-0**

### Mobility

|| Soil : Not applicable

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### 12.5. Results of PBT and vPvB assessment

#### Data for the product

#### Results of PBT and vPvB assessment

Result : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Component: sodium carbonate CAS-No. 497-19-8

#### Results of PBT and vPvB assessment

Result : The PBT or vPvB criteria of Annex XIII to the REACH Regulation does not apply to inorganic substances.

Component: sodium hydroxide CAS-No. 1310-73-2

#### Results of PBT and vPvB assessment

Result : The PBT or vPvB criteria of Annex XIII to the REACH Regulation does not apply to inorganic substances.

Component: disodium metasilicate CAS-No. 6834-92-0

#### Results of PBT and vPvB assessment

Result : This substance is not considered to be persistent, bioaccumulating nor toxic (PBT)., This substance is not considered to be very persistent and very bioaccumulating (vPvB).

### 12.6. Other adverse effects

#### Data for the product

#### Additional ecological information

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

Component: sodium carbonate CAS-No. 497-19-8

#### Additional ecological information

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

Component: sodium hydroxide CAS-No. 1310-73-2

#### Additional ecological information

Result : Harmful effects to aquatic organisms due to pH-shift. Neutralization is normally necessary before waste water is discharged into water treatment plants. Do not flush into surface water or sanitary sewer system.

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### SECTION 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. Dispose of as special waste in compliance with local and national regulations.
Contaminated packaging	:	Dispose of in accordance with local regulations.
European Waste Catalogue Number	:	Waste codes should be assigned by the user based on the application for which the product was used.

### SECTION 14: Transport information

#### 14.1. UN number

1759

#### 14.2. UN proper shipping name

<b>ADR</b>	:	CORROSIVE SOLID, N.O.S. (Sodium hydroxide)
<b>RID</b>	:	CORROSIVE SOLID, N.O.S. (Sodium hydroxide)
<b>IMDG</b>	:	CORROSIVE SOLID, N.O.S. (Sodium hydroxide)

#### 14.3. Transport hazard class(es)

ADR-Class (Labels; Classification Code; Hazard identification No; Tunnel restriction code)	:	8 8; C10; 80; (E)
RID-Class (Labels; Classification Code; Hazard identification No)	:	8 8; C10; 80
IMDG-Class (Labels; EmS)	:	8 8; F-A, S-B

#### 14.4. Packaging group

ADR	:	II
RID	:	II
IMDG	:	II

#### 14.5. Environmental hazards

Environmentally hazardous according to ADR	:	no
Environmentally hazardous according to RID	:	no
Marine Pollutant according to IMDG-Code	:	no

**CHAMPION FILTER WHITE****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.

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

<b>Component:</b>	<b>sodium carbonate</b>	<b>CAS-No. 497-19-8</b>
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|| EU. Regulation EU No. 649/2012 concerning the export and import of dangerous chemicals : ; The substance/mixture does not fall under this legislation.

|| EU. REACH, Annex XVII, Marketing and Use Restrictions (Regulation 1907/2006/EC) : ; The substance/mixture does not fall under this legislation.

|| EU. Regulation No 1451/2007 [Biocides], Annex I, OJ (L 325) : EC Number: , 207-838-8; Listed

|| EU. Directive 2012/18/EU (SEVESO III) Annex I : ; The substance/mixture does not fall under this legislation.

|| WGK (DE) : WGK 1: slightly hazardous to water: 222

<b>Component:</b>	<b>sodium hydroxide</b>	<b>CAS-No. 1310-73-2</b>
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|| EU. Regulation EU No. 649/2012 concerning the export and import of dangerous chemicals : ; The substance/mixture does not fall under this legislation.

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|| EU. REACH, Annex XVII, : ; The substance/mixture does not fall under this legislation.  
Marketing and Use  
Restrictions (Regulation  
1907/2006/EC)

|| EU. Regulation No : EC Number: , 215-185-5; Listed  
1451/2007 [Biocides],  
Annex I, OJ (L 325)

|| EU. Regulation No. : Maximum concentration in ready for use preparation: 2 %; Hair  
1223/2009 on cosmetic straightener: General use; See the text of the regulation for  
products, Annex III: List applicable exceptions or provisions.  
of Restricted Substances  
in Cosmetic Products  
  
pH < 12,7.; pH adjuster for depilatories; See the text of the  
regulation for applicable exceptions or provisions.  
Maximum concentration in ready for use preparation: 4.5 %;  
Hair straightener: Professional use; See the text of the  
regulation for applicable exceptions or provisions.  
pH < 11.; Uses as pH adjuster other than for depilatories; See  
the text of the regulation for applicable exceptions or  
provisions.  
Maximum concentration in ready for use preparation: 5 %; Nail  
cuticle solvent; See the text of the regulation for applicable  
exceptions or provisions.

|| EU. Directive : ; The substance/mixture does not fall under this legislation.  
2012/18/EU (SEVESO  
III) Annex I

|| WGK (DE) : WGK 1: slightly hazardous to water: 142

<b>Component:</b>	<b>disodium metasilicate</b>	<b>CAS-No. 6834-92-0</b>
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|| EU. Directive : ; The substance/mixture does not fall under this legislation.  
2012/18/EU (SEVESO  
III) Annex I

|| WGK (DE) : WGK 1: slightly hazardous to water: 1,314

**15.2. Chemical safety assessment**

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no data available

### SECTION 16: Other information

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

H290	May be corrosive to metals.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

#### Abbreviations and Acronyms

<b>BCF</b>	bioconcentration factor
<b>BOD</b>	biochemical oxygen demand
<b>CAS</b>	Chemical Abstracts Service
<b>CLP</b>	Classification, Labelling and Packaging
<b>CMR</b>	carcinogenic, mutagenic or toxic to reproduction
<b>COD</b>	chemical oxygen demand
<b>DNEL</b>	derived no-effect level
<b>EINECS</b>	European Inventory of Existing Commercial Chemical Substances
<b>ELINCS</b>	European List of Notified Chemical Substances
<b>GHS</b>	Globally Harmonized System of Classification and Labelling of Chemicals
<b>LC50</b>	median lethal concentration
<b>LOAEC</b>	lowest observed adverse effect concentration
<b>LOAEL</b>	lowest observed adverse effect level
<b>LOEL</b>	lowest observed effect level
<b>NLP</b>	no-longer polymer
<b>NOAEC</b>	no observed adverse effect concentration
<b>NOAEL</b>	no observed adverse effect level
<b>NOEC</b>	no observed effect concentration
<b>NOEL</b>	no observed effect level
<b>OECD</b>	Organisation for Economic Cooperation and Development
<b>OEL</b>	occupational exposure limit
<b>PBT</b>	persistent, bioaccumulative and toxic
<b>REACH Auth. No.:</b>	REACH Authorisation Number
<b>REACH AuthAppC. No.</b>	REACH Authorisation Application Consultation Number
<b>PNEC</b>	predicted no-effect concentration
<b>STOT</b>	specific target organ toxicity
<b>SVHC</b>	substance of very high concern
<b>UVCB</b>	substance of unknown or variable composition, complex reaction products or biological materials

**CHAMPION FILTER WHITE**

**vPvB** very persistent and very bioaccumulative

**Further information**

Key literature references and sources for data : Supplier information and data from the "Database of registered substances" of the European Chemicals Agency (ECHA) were used to create this safety data sheet.

Methods used for product classification : The classification for human health, physical and chemical hazards and environmental hazards were derived from a combination of calculation methods and if available test data.

Hints for trainings : The workers have to be trained regularly on the safe handling of the products based on the information provided in the Safety Data Sheet and the local conditions of the workplace. National regulations for the training of workers in the handling of hazardous materials must be adhered to.

Other information :  
Restricted to professional users. Attention - Avoid exposure - obtain special instructions before use.  
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.