

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

## CHAMPION POOL AND SPA FILM CLEANSE

Version 3.2

Print Date 2019/12/20

Revision date / valid from 2019/12/20

MSDS code: MAAE126

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

#### 1.1. Product identifier

Trade name : CHAMPION POOL AND SPA FILM CLEANSE

#### 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
Serious eye damage	Category 1	---	H318

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.

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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 : H318 Causes serious eye damage.

Precautionary statements

General : P101 If medical advice is needed, have product container or label at hand.  
 P102 Keep out of reach of children.  
 P103 Read label before use.

Prevention : P280 Wear protective gloves/ eye protection/ face protection.  
 P280 Wear protective clothing.

Response : P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.

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

- Alcohols, C9-16, ethoxylated
- DECYL ALCOHOL, ETHOXYLATED
- Quaternary coco alkyl methyl amine ethoxylate methyl chloride

**2.3. Other hazards**

For Results of PBT and vPvB assessment see section 12.5.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures**

## CHAMPION POOL AND SPA FILM CLEANSE

Hazardous components	Amount [%]	Classification (REGULATION (EC) No 1272/2008)	
		Hazard class / Hazard category	Hazard statements
<b>Tetrapotassium pyrophosphate</b>			
CAS-No. : 7320-34-5 EC-No. : 230-785-7 EU REACH- : 01-2119489369-18-xxxx Reg. No.	>= 2.5 - <= 10	Eye Irrit.2	H319
<b>Alcohols, C9-16, ethoxylated</b>			
CAS-No. : 97043-91-9	>= 0.1 - <= 2.5	Acute Tox.4 Eye Dam.1	H302 H318
<b>DECYL ALCOHOL, ETHOXYLATED</b>			
CAS-No. : 26183-52-8 EC-No. : 500-046-6	>= 0.1 - < 2.5	Eye Dam.1	H318
<b>Quaternary coco alkyl methyl amine ethoxylate methyl chloride</b>			
CAS-No. : 863679-20-3	>= 0.1 - < 2.5	Acute Tox.3 Skin Irrit.2 Eye Dam.1	H301 H315 H318
<b>3-butoxypropan-2-ol</b>			
Index-No. : 603-052-00-8 CAS-No. : 5131-66-8 EC-No. : 225-878-4 EU REACH- : 01-2119475527-28-xxxx Reg. No.	>= 0.1 - < 2.5	Flam. Liq.3 Eye Irrit.2 Skin Irrit.2	H226 H319 H315
<b>(2-Methoxymethylethoxy)propanol</b>			
CAS-No. : 34590-94-8 EC-No. : 252-104-2 EU REACH- : 01-2119450011-60-xxxx Reg. No.	>= 2.5 - < 10	---	---

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	: First aider needs to protect himself. Move the victim to fresh air. Remove contaminated clothing immediately.
If inhaled	: Remove to fresh air. If symptoms call a physician.

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- In case of skin contact : Rinse with water.
- In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 5 minutes. If symptoms persist, call a physician.
- If swallowed : If accidentally swallowed obtain immediate medical attention.

**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.

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

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Unsuitable extinguishing media : No information available.

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

- Specific hazards during firefighting : Incomplete combustion may form toxic pyrolysis products.
- Hazardous combustion products : Nitrogen oxides (NO<sub>x</sub>), Carbon oxides, Sulphur oxides

**5.3. Advice for firefighters**

- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus. Wear personal protective equipment.
- 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. Avoid contact with skin and eyes. For personal protection see section 8. Ensure adequate ventilation. High risk of slipping due to leakage/spillage of product.

**CHAMPION POOL AND SPA FILM CLEANSE****6.2. Environmental precautions**

Environmental precautions : Do not flush into surface water or sanitary sewer system. Dilute with plenty of water. Prevent spreading over a wide area (e.g. by containment or oil barriers).

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

Methods and materials for containment and cleaning up : Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders). Keep in suitable, closed containers for disposal. Ensure adequate ventilation.

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. Use personal protective equipment. 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**

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. Protect from frost.

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

Storage temperature : > 5 °C

**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>Tetrapotassium pyrophosphate</b>	<b>CAS-No. 7320-34-5</b>
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#### Derived No Effect Level (DNEL)/Derived Minimal Effect Level (DMEL)

DNEL		
Workers, Long-term - systemic effects, Inhalation	:	2.79 mg/m <sup>3</sup>
DNEL		
Consumers, Long-term - systemic effects, Inhalation	:	0.68 mg/m <sup>3</sup>
DNEL		
Consumers, Long-term - systemic effects, Ingestion	:	> 70 mg/kg bw/day

#### Predicted No Effect Concentration (PNEC)

Fresh water	:	0.05 mg/l
Marine water	:	0.005 mg/l
Intermittent releases	:	0.5 mg/l
Sewage treatment plant (STP)	:	50 mg/l

<b>Component:</b>	<b>(2-Methoxymethylethoxy)propanol</b>	<b>CAS-No. 34590-94-8</b>
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#### Derived No Effect Level (DNEL)/Derived Minimal Effect Level (DMEL)

DNEL		
Workers, Long-term - systemic effects, Inhalation	:	308 mg/m <sup>3</sup>
DNEL		
Workers, Long-term - systemic effects, Skin contact	:	65 mg/kg bw/day
DNEL		
Consumers, Long-term - systemic effects, Inhalation	:	37.2 mg/m <sup>3</sup>
DNEL		
Consumers, Long-term - systemic effects, Skin contact	:	15 mg/kg bw/day
DNEL		
Consumers, long-term, Ingestion	:	1.67 mg/kg bw/day

#### Predicted No Effect Concentration (PNEC)

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Fresh water (AF = 100)	:	19 mg/l
Marine water (AF = 1000)	:	1.9 mg/l
Intermittent releases (AF = 10)	:	190 mg/l
Sewage treatment plant (STP) (AF = 1)	:	4168 mg/l
Fresh water sediment	:	70.2 mg/kg d.w.
Marine sediment	:	7.02 mg/kg d.w.
Soil	:	2.74 mg/kg d.w.

**Other Occupational Exposure Limit Values**

UK. EH40 Workplace Exposure Limits (WELs), as amended, Time Weighted Average (TWA):  
50 ppm, 308 mg/m<sup>3</sup>

UK. EH40 Workplace Exposure Limits (WELs), as amended, Skin designation:  
Can be absorbed through the skin.

EU. Indicative Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC,  
2009/161/EU, 2017/164/EU, as amended, Time Weighted Average (TWA):  
50 ppm, 308 mg/m<sup>3</sup>  
Indicative

ELV (IE), Skin designation:  
Can be absorbed through the skin.

ELV (IE), Time Weighted Average (TWA):  
50 ppm, 308 mg/m<sup>3</sup>  
Indicative OELV

<b>Component:</b>	<b>3-butoxypropan-2-ol</b>	<b>CAS-No. 5131-66-8</b>
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**Derived No Effect Level (DNEL)/Derived Minimal Effect Level (DMEL)**

DNEL		
Workers, Long-term - systemic effects, Inhalation	:	270.5 mg/m <sup>3</sup>
DNEL		
Workers, Long-term - systemic effects, Skin contact	:	44 mg/kg bw/day
DNEL		

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Workers, Acute - local effects, Skin contact	: 50 %
DNEL	
Workers, Long-term - local effects, Skin contact	: 50 %
DNEL	
Consumers, Long-term - systemic effects, Inhalation	: 33.8 mg/m <sup>3</sup>
DNEL	
Consumers, Long-term - systemic effects, Skin contact	: 16 mg/kg bw/day
DNEL	
Consumers, Acute - local effects, Skin contact	: 50 %
DNEL	
Consumers, Long-term - local effects, Skin contact	: 50 %
DNEL	
Consumers, Long-term - systemic effects, Ingestion	: 8.75 mg/kg bw/day

### Predicted No Effect Concentration (PNEC)

Fresh water	: 0.525 mg/l
Marine water	: 0.0525 mg/l
Intermittent releases	: 5.25 mg/l
Sewage treatment plant (STP)	: 10 mg/l
Fresh water sediment	: 2.36 mg/kg
Marine sediment	: 0.236 mg/kg
Soil	: 0.16 mg/kg

## 8.2. Exposure controls

### Appropriate engineering controls

Refer to protective measures listed in sections 7 and 8.

### Personal protective equipment

#### *Respiratory protection*

Advice : If ventilation is insufficient, suitable respiratory protection must be provided

#### *Hand protection*

Advice : The glove material has to be impermeable and resistant to the



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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.  
Do not wear leather gloves.

Material : Rubber gloves

*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.  
Dilute with plenty of water.  
Prevent spreading over a wide area (e.g. by containment or oil barriers).

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

Form : Liquid

Colour : blue

Odour : characteristic

Odour Threshold : no data available

pH : 8 ( 20 °C)

Freezing point : no data available

Boiling point/boiling range : 100 °C

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 : 23 hPa (20 °C)

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Relative vapour density	:	no data available
Density	:	1.042 g/cm <sup>3</sup>
Water solubility	:	miscible
Partition coefficient: n-octanol/water	:	no data available
Auto-ignition temperature	:	no data available
Thermal decomposition	:	no data available
Viscosity, dynamic	:	no data available
Explosive properties	:	EU legislation: Not explosive
Explosivity	:	Due its structure the product is not self igniting.
Oxidizing properties	:	no data available

**9.2. Other information**

No further information available.

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

Advice : No decomposition if used as directed.

**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 : No dangerous reaction known under conditions of normal use.

**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 : None known.

**SECTION 11: Toxicological information**

**CHAMPION POOL AND SPA FILM CLEANSE****11.1. Information on toxicological effects****Data for the product****Acute toxicity****Oral**

Acute toxicity estimate : > 2000 mg/kg ) (Calculation method)

**Inhalation**

no data available

**Dermal**

no data available

**Irritation****Skin**

Result : No skin irritation

**Eyes**

Result : irritant effects

**Sensitisation**

Result : No sensitizing effect known.

**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

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### Other toxic properties

#### Repeated dose toxicity

no data available

#### Aspiration hazard

no data available

## SECTION 12: Ecological information

### 12.1. Toxicity

### 12.2. Persistence and degradability

#### Data for the product

#### Persistence and degradability

#### Biodegradability

Result : 70 % (OECD Test Guideline 301B)biodegradable

### 12.3. Bioaccumulative potential

### 12.4. Mobility in soil

### 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.

### 12.6. Other adverse effects

#### Data for the product

#### Additional ecological information

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

**CHAMPION POOL AND SPA FILM CLEANSE****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. 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.

**SECTION 14: Transport information**

Not dangerous goods for ADR, RID, IMDG and IATA.

**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.

**SECTION 15: Regulatory information**

## CHAMPION POOL AND SPA FILM CLEANSE

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Chemical safety assessment

no data available

### SECTION 16: Other information

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

H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye 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

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<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
<b>vPvB</b>	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 : 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.