

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

## CHAMPION STABILISED CHLORINE GRANULES 55%

Version 5.1

Print Date 2020/04/21

Revision date / valid from 2020/04/21

MSDS code: MAAD107

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

#### 1.1. Product identifier

Trade name : CHAMPION STABILISED CHLORINE GRANULES 55%

#### 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
Acute toxicity (Oral)	Category 4	---	H302
Eye irritation	Category 2	---	H319
Specific target organ toxicity - single exposure	Category 3	Respiratory system	H335

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Short-term (acute) aquatic hazard	Category 1	---	H400
Long-term (chronic) aquatic hazard	Category 1	---	H410

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 : Warning

Hazard statements : H302 Harmful if swallowed.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.  
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements

Prevention : P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.  
P273 Avoid release to the environment.  
P280 Wear eye protection/ face protection.

Response : P337 + P313 If eye irritation persists: Get medical advice/ attention.  
P391 Collect spillage.  
P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

**Additional Labelling:**

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EUH031 Contact with acids liberates toxic gas.

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

- troclosesene sodium, dihydrate

### 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>troclosesene sodium, dihydrate</b>			
Index-No. : 613-030-01-7	>= 90 - < 100	Acute Tox.4	H302
CAS-No. : 51580-86-0		Eye Irrit.2	H319
EC-No. : 220-767-7		STOT SE3	H335
		Aquatic Acute1	H400
		Aquatic Chronic1	H410

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

### Non-hazardous component

Chemical name	Identification Number	Amount [%]
<b>Sodium chloride</b>	CAS-No. : 7647-14-5 EC-No. : 231-598-3	= 1 - < 10

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

- If inhaled : Remove to fresh air. Seek medical advice.
- In case of skin contact : Wash off immediately with soap and plenty of water. Take off contaminated clothing and shoes immediately. Get medical attention if irritation develops and persists.
- In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
- If swallowed : If swallowed, do not induce vomiting - seek medical advice.

**CHAMPION STABILISED CHLORINE GRANULES 55%****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. Carbon dioxide (CO<sub>2</sub>), Dry chemical, Foam

Unsuitable extinguishing media : No information available.

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

Specific hazards during firefighting : Burning produces irritant fumes.

**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. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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

Personal precautions : Use personal protective equipment. Ensure adequate ventilation.

**6.2. Environmental precautions**

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

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

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

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up formation. Flush away traces with water.

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

### 6.4. Reference to other sections

See Section 1 for emergency contact information.  
See Section 8 for information on personal protective equipment.  
See Section 13 for waste treatment information.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Advice on safe handling : Avoid contact with the skin and the eyes. Ensure adequate ventilation.

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.

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

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 in a well-ventilated place.

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

### 7.3. Specific end use(s)

Specific use(s) : No information available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Other Occupational Exposure Limit Values

(Additional) Information : Contains no substances with occupational exposure limit values.  
Contains no substances with occupational exposure limit values.

### 8.2. Exposure controls

#### Appropriate engineering controls

Refer to protective measures listed in sections 7 and 8.

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Ensure adequate ventilation.

**Personal protective equipment***Respiratory protection*

Advice : Self-contained breathing apparatus (EN 133)

*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.

Material : PVC

*Eye protection*

Advice : 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.  
Avoid subsoil penetration.

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

Form	:	solid
Colour	:	white
Odour	:	Chlorine
Odour Threshold	:	no data available
pH	:	6 - 7 (10 g/l ; 25 °C)
Freezing point	:	no data available
Boiling point	:	no data available
Flash point	:	no data available
Evaporation rate	:	no data available
Flammability (solid, gas)	:	no data available

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Upper explosion limit	:	no data available
Lower explosion limit	:	no data available
Vapour pressure	:	no data available
Relative vapour density	:	no data available
Relative density	:	no data available
Water solubility	:	0.28 g/l (25 °C)
Partition coefficient: n-octanol/water	:	no data available
Auto-ignition temperature	:	no data available
Thermal decomposition	:	no data available
Viscosity, dynamic	:	no data available
Explosivity	:	no data available
Oxidizing properties	:	no data available

**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 : Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

Hazardous reactions : No information available.

**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 : No information available.

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**SECTION 11: Toxicological information**
**11.1. Information on toxicological effects**
**Data for the product**
**Acute toxicity**
**Oral**

Harmful if swallowed., Ingestion may cause irritation to mucous membranes.

**Inhalation**

Symptoms: Vomiting, DizzinessIrritating to respiratory system.

**Dermal**

no data available

**Irritation**
**Skin**

Result : May irritate skin.

**Eyes**

Result : Irritating to eyes.

**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**

Remarks : May cause respiratory irritation.

**Repeated exposure**



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no data available

### Other toxic properties

#### Repeated dose toxicity

no data available

#### Aspiration hazard

no data available

<b>Component:</b>	<b>troclosene sodium, dihydrate</b>	<b>CAS-No. 51580-86-0</b>
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### Acute toxicity

#### Oral

LD50 : 735 mg/kg (Rat; Test substance: applies to anhydrous substance)

#### Inhalation

LC50 : > 50 mg/l (Rat; 1 h)

## SECTION 12: Ecological information

### 12.1. Toxicity

<b>Component:</b>	<b>troclosene sodium, dihydrate</b>	<b>CAS-No. 51580-86-0</b>
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### Acute toxicity

#### Fish

LC50 : 0.28 mg/l (Lepomis macrochirus; 96 h; Test substance: applies to anhydrous substance)

#### Toxicity to daphnia and other aquatic invertebrates

EC50 : 0.28 mg/l (Daphnia magna; 48 h; Test substance: applies to anhydrous substance)

### 12.2. Persistence and degradability

#### Data for the product

#### Persistence and degradability

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### Biodegradability

Result : Not readily biodegradable.

### 12.3. Bioaccumulative potential

#### Data for the product

#### Bioaccumulation

Result : no data available

### 12.4. Mobility in soil

#### Data for the product

#### Mobility

Result : no data available

### 12.5. Results of PBT and vPvB assessment

#### Data for the product

#### Results of PBT and vPvB assessment

Result : no data available

### 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.  
Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

- Product : Dispose of in accordance with local regulations.
- Contaminated packaging : 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

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the assignment. The waste code is established in consultation with the regional waste disposer.

### SECTION 14: Transport information

#### 14.1. UN number

3077

#### 14.2. UN proper shipping name

**ADR** : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.  
(troclosene sodium, dihydrate)

**RID** : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.  
(troclosene sodium, dihydrate)

**IMDG** : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.  
(troclosene sodium, dihydrate)

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

ADR-Class : 9  
(Labels; Classification Code; Hazard Identification Number; Tunnel restriction code) 9; M7; 90; (-)

RID-Class : 9  
(Labels; Classification Code; Hazard Identification Number) 9; M7; 90

IMDG-Class : 9  
(Labels; EmS) 9; F-A, S-F

#### 14.4. Packaging group

ADR : III  
RID : III  
IMDG : III

#### 14.5. Environmental hazards

Environmentally hazardous according to ADR : yes  
Environmentally hazardous according to RID : yes  
Marine Pollutant according to IMDG-Code : yes

#### 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 STABILISED CHLORINE GRANULES 55%

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.

H302	Harmful if swallowed.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

#### 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

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<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 : 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.