

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

### 1.1. Product identifier

**Trade name or designation of the mixture** Contec ProChlor

**Registration number** -

**UFI (Unique Formula Identifier):** GQH5-107J-000W-58VA

**Synonyms** Product code(s): FBC102PC-EXT, FBC502PC-EXT, SBC502PC-EXT, FBT102PC-EXT, FSWPP02PC-EXT, SBC102PC-EXT, SBT102PC-EXT, SSWPP02PC-EXT, SSWSB02PC-EXT, XSWPP02PC-EXT, FSWPC02PC-EXT

**SDS number** NONHPCPK

**Issue date** 06-May-2026

**Version number** 02

**Revision date** 04-June-2026

**Supersedes date** 06-May-2026

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

**Identified uses** Disinfectant.

**Uses advised against** For professional use only.

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

#### Authorisation holder:

**Company name** Contec Europe

**Address** ZI du Prat  
Avenue Paul Duplaix  
56000 Vannes  
France

**Telephone** +33 (0) 2 97 43 76 98

#### Manufacturer:

**Company name** Contec Cleanroom (UK) Ltd.

**Address 1** Unit 6A Wansbeck Business Park  
Rotary Parkway  
Ashington NE63 8QW  
United Kingdom

**Address 2** Unit 12, Birchwood Way  
Ashwood Business Park  
Ashington NE63 0XD  
United Kingdom

**Telephone** +44 (0) 1670 520 148

#### Customer service:

**Hotline** +33 (0) 2 97 43 76 98

**Email** SDS@contecinc.com

### 1.4. Emergency telephone number

Call CHEMTREC day or night: +1 703 527 3887 (24 hours)

In England, Scotland and Wales you can contact NHS 111 / NHS 24 by dialling 111.

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

#### Classification according to Regulation (EC) No 1272/2008 as amended

### 2.2. Label elements

#### Label according to Regulation (EC) No. 1272/2008 as amended

<b>UFI (Unique Formula Identifier):</b>	GQH5-107J-000W-58VA
<b>Hazard pictograms</b>	None.
<b>Signal word</b>	None.
<b>Hazard statements</b>	The mixture does not meet the criteria for classification.

#### Precautionary statements

<b>Prevention</b>	Observe good industrial hygiene practices.
<b>Response</b>	Wash hands after handling.
<b>Storage</b>	Store away from incompatible materials.
<b>Disposal</b>	Dispose of waste and residues in accordance with local authority requirements.

**Supplemental information on the label** EUH031 - Contact with acids liberates toxic gas.

### 2.3. Other hazards

This mixture does not contain any substances that meet the criteria for persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) in accordance with Annex XIII of Regulation (EC) No 1907/2006 at a concentration of equal to or greater than 0.1% w/w.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Calcium hypochlorite	<0.5	7778-54-3 231-908-7	-	017-012-00-7	
<b>Classification:</b> Ox. Sol. 2;H272, Met. Corr. 1;H290, Acute Tox. 4;H302, Skin Corr. 1B;H314, Aquatic Acute 1;H400(M=10)					
<b>Specific Concentration Limits:</b> Skin Corr. 1B;H314: C ≥ 5 %, Skin Irrit. 2;H315: 1 % ≤ C < 5 %, Eye Dam. 1;H318: 3 % ≤ C < 5 %, Eye Irrit. 2;H319: 0.5 % ≤ C < 3 %					

#### List of abbreviations and symbols that may be used above

M: M-factor

#### Composition comments

All concentrations are in percent by weight. The full text for all H-statements is displayed in section 16. Components not listed are either non-hazardous or are below reportable limits.

## SECTION 4: First aid measures

#### General information

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

### 4.1. Description of first aid measures

<b>Inhalation</b>	Move to fresh air. Call a POISON CENTRE or doctor/physician if you feel unwell.
<b>Skin contact</b>	Wash with plenty of water. Call a POISON CENTRE or doctor/physician if you feel unwell.
<b>Eye contact</b>	IF IN EYES: Rinse with water. Remove contact lenses, if present and easy to do. Continue rinsing for 5 minutes. Call a POISON CENTRE or a doctor.
<b>Ingestion</b>	Rinse mouth. Call a POISON CENTRE or doctor/physician if you feel unwell.

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

Direct contact with eyes may cause temporary irritation. Prolonged skin contact may cause temporary irritation.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

<b>General fire hazards</b>	No unusual fire or explosion hazards noted.
<b>5.1. Extinguishing media</b>	
<b>Suitable extinguishing media</b>	Dry chemical powder. Alcohol foam. Polymer foam.
<b>Unsuitable extinguishing media</b>	None known.
<b>5.2. Special hazards arising from the substance or mixture</b>	During fire, gases hazardous to health may be formed.
<b>5.3. Advice for firefighters</b>	
<b>Special protective equipment for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Special fire fighting procedures</b>	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk. Use water spray to cool unopened containers.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.

## SECTION 6: Accidental release measures

<b>6.1. Personal precautions, protective equipment and emergency procedures</b>	
<b>For non-emergency personnel</b>	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid breathing mist or vapour. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained.
<b>For emergency responders</b>	Keep unnecessary personnel away. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. Use personal protection recommended in Section 8 of the SDS.
<b>6.2. Environmental precautions</b>	Do not discharge into drains, water courses or onto the ground. Contain spillages with sand, earth or any suitable adsorbent material.
<b>6.3. Methods and material for containment and cleaning up</b>	The product is soluble in water.  Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Following product recovery, flush area with water.  Small Spills: Clean surface thoroughly to remove residual contamination.  Never return spills to original containers for re-use. Prevent entry into waterways, sewer, basements or confined areas. Absorb spillage with suitable absorbent material. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Absorb spillage to prevent material damage.
<b>6.4. Reference to other sections</b>	For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.

## SECTION 7: Handling and storage

<b>7.1. Precautions for safe handling</b>	Provide adequate ventilation. Avoid contact with eyes, skin, and clothing. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.
<b>7.2. Conditions for safe storage, including any incompatibilities</b>	Store in a cool and well-ventilated place. Keep only in the original container. Store in tightly closed container. Protect from direct sunlight. Do not freeze. Store at temperatures between 25°C/77°F and 40°C/104°F. Store away from incompatible materials (see section 10 of the SDS). Shelf life 24 months.
<b>7.3. Specific end use(s)</b>	Disinfectant. Ready to use. Observe industrial sector guidance on best practices.

## SECTION 8: Exposure controls/personal protection

<b>8.1. Control parameters</b>	
<b>Occupational exposure limits</b>	No exposure limits noted for ingredient(s).
<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).
<b>Recommended monitoring procedures</b>	Follow standard monitoring procedures.
<b>Derived no effect levels (DNELs)</b>	Not available.

**Predicted no effect concentrations (PNECs)** Not available.

## 8.2. Exposure controls

**Appropriate engineering controls** Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.

### Individual protection measures, such as personal protective equipment

**General information** Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

**Eye/face protection** Wear safety glasses with side shields (or goggles). Eye protection should meet standard EN 166.

**Skin protection**

**- Hand protection** Wear appropriate chemical resistant gloves. Nitrile or butyl rubber gloves are recommended. Be aware that the liquid may penetrate the gloves. Frequent change is advisable. The protective gloves to be used must comply with the specifications of Regulation (EU) 2016/425 and the related standard EN ISO 374.

**- Other** Wear suitable protective clothing.

**Respiratory protection** In case of insufficient ventilation wear suitable respiratory equipment. Check with respiratory protective equipment suppliers. Follow guidance on selection, use, care and maintenance in accordance with EN 529.

**Thermal hazards** Wear appropriate thermal protective clothing, when necessary.

**Hygiene measures** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

**Environmental exposure controls** Inform appropriate managerial or supervisory personnel of all environmental releases.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Appearance

**Physical state** Liquid.

**Form** Liquid.

**Colour** Colourless.

**Odour** Characteristic.

**Odour threshold** Property has not been measured.

**pH** 3 - 4

**Melting point/freezing point** Property has not been measured.

**Initial boiling point and boiling range** Property has not been measured.

**Flash point** Does not flash.

**Evaporation rate** Property has not been measured.

**Flammability (solid, gas)** Not applicable.

#### Upper/lower flammability or explosive limits

**Explosive limit - lower (%)** Non flammable.

**Explosive limit – upper (%)** Non flammable.

**Vapour pressure** Property has not been measured.

**Vapour density** Property has not been measured.

**Relative density** Property has not been measured.

#### Solubility(ies)

**Solubility (water)** Completely soluble (100%).

**Partition coefficient (n-octanol/water)** Not applicable, product is a mixture.

<b>Auto-ignition temperature</b>	Does not ignite.
<b>Decomposition temperature</b>	Property has not been measured.
<b>Viscosity</b>	Property has not been measured.
<b>Explosive properties</b>	Not explosive.
<b>Oxidising properties</b>	Not oxidising.

## 9.2. Other information

<b>Density</b>	Property has not been measured.
<b>Kinematic viscosity</b>	Property has not been measured.
<b>Molecular weight</b>	Not applicable to mixtures.

## SECTION 10: Stability and reactivity

<b>10.1. Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>10.2. Chemical stability</b>	Material is stable under normal conditions.
<b>10.3. Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>10.4. Conditions to avoid</b>	Contact with incompatible materials. Heat. Freezing.
<b>10.5. Incompatible materials</b>	Strong oxidising agents. Strong acids. Metals.
<b>10.6. Hazardous decomposition products</b>	By heating and fire, toxic vapours/gases may be formed.

## SECTION 11: Toxicological information

<b>General information</b>	Occupational exposure to the substance or mixture may cause adverse effects.
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### Information on likely routes of exposure

<b>Inhalation</b>	Prolonged inhalation of vapors may be harmful.
<b>Skin contact</b>	Prolonged exposure may cause skin irritation.
<b>Eye contact</b>	Direct contact with eyes may cause temporary irritation.
<b>Ingestion</b>	May cause irritation of the gastrointestinal tract.

<b>Symptoms</b>	Direct contact with eyes may cause temporary irritation. Prolonged skin contact may cause temporary irritation.
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### 11.1. Information on toxicological effects

<b>Acute toxicity</b>	Not expected to be acutely toxic.
<b>Skin corrosion/irritation</b>	Prolonged exposure may cause skin irritation.
<b>Serious eye damage/eye irritation</b>	Direct contact with eyes may cause temporary irritation.
<b>Respiratory sensitisation</b>	Based on available data, the classification criteria are not met.
<b>Skin sensitisation</b>	Based on available data, the classification criteria are not met.
<b>Germ cell mutagenicity</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity</b>	Based on available data, the classification criteria are not met.

#### IARC Monographs. Overall Evaluation of Carcinogenicity

Calcium hypochlorite (CAS 7778-54-3)

3 Not classifiable as to carcinogenicity to humans.

<b>Reproductive toxicity</b>	Based on available data, the classification criteria are not met.
<b>Specific target organ toxicity - single exposure</b>	Based on available data, the classification criteria are not met.
<b>Specific target organ toxicity - repeated exposure</b>	Based on available data, the classification criteria are not met.
<b>Aspiration hazard</b>	Not an aspiration hazard.
<b>Mixture versus substance information</b>	No information available.
<b>Other information</b>	No other specific acute or chronic health impact noted.

## SECTION 12: Ecological information

<b>12.1. Toxicity</b>	Harmful to aquatic life.
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Components	Species	Test Results
Calcium hypochlorite (CAS 7778-54-3)		
<b>Aquatic</b>		
<i>Acute</i>		
Algae	EC50	Pseudokirchneriella subcapitata 983 µg/l, 72 h
Crustacea	EC50	Daphnia magna 73 µg/l, 48 h
Fish	LC50	Pimephales promelas 840 µg/l, 96 h

**12.2. Persistence and degradability** No data is available on the degradability of this product.

**12.3. Bioaccumulative potential** The product is not bioaccumulating.

**Partition coefficient n-octanol/water (log Kow)** Not applicable, product is a mixture.

**Bioconcentration factor (BCF)** Not available.

**12.4. Mobility in soil** The product is soluble in water.

**12.5. Results of PBT and vPvB assessment** This mixture does not contain any substances that meet the criteria for persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) in accordance with Annex XIII of Regulation (EC) No 1907/2006 at a concentration of equal to or greater than 0.1% w/w.

**12.6. Other adverse effects** Product does not contain substances which are persistent, mobile, and toxic (PMT) at levels of 0.1 % or higher.  
Product does not contain substances which are very persistent and very mobile (vPvM) 0.1 % or higher.  
The product may affect the acidity (pH-factor) in water with risk of harmful effects to aquatic organisms.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Residual waste** At the end of the treatment, dispose unused product and the packaging in accordance with local requirements. Used product can be flushed to municipal sewer. Avoid release to an individual wastewater treatment plant. Any disposal practices must be in compliance with all national and provincial laws and any municipal or local by-laws governing hazardous waste.

**Contaminated packaging** Containers are non-refillable. Do not re-use empty containers. Containers should be triple or pressure rinsed with water promptly after they are emptied. They can then be offered for recycling or reconditioning for biocidal products, or they can be punctured and disposed of in a sanitary landfill or by other procedures approved by national and local authorities.

**EU waste code** The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Disposal methods/information** At the end of the treatment, dispose unused product and the packaging in accordance with local requirements. Used product can be flushed to municipal sewer. Avoid release to an individual wastewater treatment plant. Any disposal practices must be in compliance with all national and provincial laws and any municipal or local by-laws governing hazardous waste. Avoid release to the environment.

## SECTION 14: Transport information

### ADR

14.1. - 14.6.: Not regulated as dangerous goods.

### RID

14.1. - 14.6.: Not regulated as dangerous goods.

### ADN

14.1. - 14.6.: Not regulated as dangerous goods.

### IATA

14.1. - 14.6.: Not regulated as dangerous goods.

### IMDG

14.1. - 14.6.: Not regulated as dangerous goods.

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not established.

## SECTION 15: Regulatory information

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

#### Retained direct EU regulations

**Regulation (EU) No. 2024/590 on substances that deplete the ozone layer, Annex I and II, as amended**

Not listed.

**Regulation (EU) 2019/1021 On persistent organic pollutants (recast), as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended**

Not listed.

**Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended**

Calcium hypochlorite (CAS 7778-54-3)

**Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA**

Not listed.

**UFI (Unique Formula Identifier):** GQH5-107J-000W-58VA

#### Authorisations

**Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorisation, as amended**

Not listed.

#### Restrictions on use

**Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use, as amended - Conditions of restriction given for the associated entry number should be considered**

Not listed.

#### Other regulations

This product is classified and labelled in accordance with the retained CLP Regulation (EC) No 1272/2008, as amended for Great Britain.

This Safety Data Sheet is compiled in accordance with REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758.

Follow the requirements of the Control of Substances Hazardous to Health Regulations 2002 [SI 2002/2677], as amended, when using this material.

#### 15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

## SECTION 16: Other information

#### List of abbreviations

ADN: European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways.

ADR: Agreement concerning the International Carriage of Dangerous Goods by Road.

ATE: Acute toxicity estimate.

CAS: Chemical Abstract Service.

CEN: European Committee for Standardization.

EC50: Effective Concentration, 50%.

IATA: International Air Transport Association.

IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk.

IMDG: International Maritime Dangerous Goods.

IMO: International Maritime Organization.

PBT: Persistent, bioaccumulative and toxic.

PMT: Persistent, Mobile, Toxic.

RID: Regulations concerning the International Carriage of Dangerous Goods by Rail.

vPvB: Very persistent and very bioaccumulative.

vPvM: Very Persistent, Very Mobile.

#### References

ECHA: European Chemical Agency.

**Information on evaluation method leading to the classification of mixture**

The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available. The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

**Full text of any statements, which are not written out in full under sections 2 to 15**

H272 May intensify fire; oxidiser.  
H290 May be corrosive to metals.  
H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.  
H400 Very toxic to aquatic life.

**Training information**

Follow training instructions when handling this material.

**Disclaimer**

The information in the sheet was written based on the best knowledge and experience currently available. Contec cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use.