



## SAFETY DATA SHEET

### CPP H2FA ANTIBACTERIAL CLEANER AND DISINFECTANT

According to Regulation (EC) No. 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures.

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

##### 1.1. Product identifier

**Product name** CPP H2FA ANTIBACTERIAL CLEANER AND DISINFECTANT  
**Product number** CPPH2FA

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

**Identified uses** Detergent/Disinfectant. Ready to use:- For professional use only. Disinfectants must be used responsibly in line with manufacturer's instructions.  
**Uses advised against** Not for direct contact with Food or Beverage stuffs. Not for Direct Oral Consumption.

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

**Supplier** Booker  
Equity House, Irthlingborough Road  
Wellingborough  
Northants. NN8 1LT  
01933 371000

**Manufacturer** Holchem Laboratories Limited  
Gateway House, Pilsworth Road,  
Pilsworth Industrial Estate,  
Bury, Lancashire (UK)  
BL9 8RD  
+44 (0) 1706 222288  
+44 (0) 1706 221550  
info@holchem.co.uk

##### 1.4. Emergency telephone number

**Emergency telephone** Out of Office Hours Emergency Information:- For accidents and spillages involving this product that pose a threat to the environment, or human health, or require immediate first aid advice please call:- 0870 190 6777. NOTE: This number will not provide technical details of the product, or deal with other general enquiries regarding application and use of the product. This product is registered with the NPIS. UK Environment Agency 24hour Advisory Service 0800 807060.

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### Classification (EC 1272/2008)

**Physical hazards** Not Classified  
**Health hazards** Not Classified  
**Environmental hazards** Aquatic Chronic 3 - H412

##### 2.2. Label elements

## CPP H2FA ANTIBACTERIAL CLEANER AND DISINFECTANT

<b>Hazard statements</b>	H412 Harmful to aquatic life with long lasting effects.
<b>Precautionary statements</b>	P273 Avoid release to the environment. P280 Wear protective gloves. P302+P352 IF ON SKIN: Wash with plenty of water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice/ attention. P501 Dispose of contents/ container in accordance with national regulations.
<b>Detergent labelling</b>	< 5% amphoteric surfactants, < 5% EDTA and salts thereof

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>ETHYLENEDIAMINETETRAACETIC ACID TETRASODIUM SALT</b>			<b>&lt;1%</b>
CAS number: 64-02-8	EC number: 200-573-9	REACH registration number: 01-2119486762-27	
<b>Classification</b> Met. Corr. 1 - H290 Acute Tox. 4 - H302 Acute Tox. 4 - H332 Eye Dam. 1 - H318 STOT RE 2 - H373	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xn;R20,R22. Xi;R41.		
<b>N-(3-AMINOPROPYL)-N-DODECYLPROPANE-1,3-DIAMINE</b>			<b>&lt;1%</b>
CAS number: 2372-82-9	EC number: 219-145-8	REACH registration number: 01-2119980592-29-XXXX	
M factor (Acute) = 10	M factor (Chronic) = 1		
<b>Classification</b> Acute Tox. 3 - H301 Skin Corr. 1B - H314 Eye Dam. 1 - H318 STOT RE 2 - H373 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xn; R22, R48/22. C; R35. N; R50		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

<b>Composition comments</b>	To the best of our knowledge, all of the substances used in this product are being supported for the relevant application in REACH. The Biocidally Active components of this product are supported in the Biocidal Products Regulation.
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## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>General information</b>	Get medical advice/attention if you feel unwell.
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## CPP H2FA ANTIBACTERIAL CLEANER AND DISINFECTANT

<b>Inhalation</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Do not induce vomiting unless under the direction of medical personnel. Get medical attention if symptoms are severe or persist.
<b>Skin contact</b>	Rinse immediately with plenty of water. Get medical attention if any discomfort continues.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Get medical attention if symptoms are severe or persist.
<b>Protection of first aiders</b>	First aid personnel should wear appropriate protective equipment during any rescue.

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

<b>General information</b>	Prolonged contact may result in dryness of skin. Eye contact may result in redness and stinging discomfort.
<b>Inhalation</b>	Unlikely route of exposure. Inhalation of sprayed droplets may result in soreness of the throat, mouth and nose.
<b>Ingestion</b>	Unlikely route of exposure without deliberate abuse. If neat chemical is ingested, irritation of the mouth, throat and GI tract may occur.
<b>Skin contact</b>	Prolonged or repeated contact with skin may cause irritation, redness and dermatitis. Use solutions may cause mild irritation, especially to open cuts and abrasions.
<b>Eye contact</b>	May cause redness and irritation (stinging sensation) to eyes.

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

<b>Notes for the doctor</b>	Rinse well with water to neutral pH. Product contains surfactants and EDTA in an aqueous solution.
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** The product is non-combustible. Use fire-extinguishing media suitable for the surrounding fire.

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

**Specific hazards** On heating irritating fumes may be formed.

### 5.3. Advice for firefighters

**Protective actions during firefighting** Protective clothing and respiratory protection should be worn when tackling fires involving this product. Control run-off water by containing and keeping it out of sewers and watercourses.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## SECTION 6: Accidental release measures

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

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet.

### 6.2. Environmental precautions

**Environmental precautions** Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

### 6.3. Methods and material for containment and cleaning up

## CPP H2FA ANTIBACTERIAL CLEANER AND DISINFECTANT

**Methods for cleaning up** Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

### 6.4. Reference to other sections

**Reference to other sections** See sections 8, 12 & 13

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Refer to section 8. Wear suitable protective equipment for prolonged exposure and/or high concentrations of vapours, spray or mist. Read and follow manufacturer's recommendations.

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

**Storage precautions** Keep container tightly closed. Store in a demarcated bunded area to prevent release to drains and/or watercourses. Keep above the chemical's freezing point.

### 7.3. Specific end use(s)

**Specific end use(s)** Detergent/Disinfectant, refer to use instructions.

**Usage description** This product is suitable for use in food preparation areas, but is not designed for direct food contact.

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

**Ingredient comments** DNEL and/or PNEC information is supplied by manufacturers of substances in accordance with REACH legislation (Regulation (EC) No 1907/2006), and is used to provide suitable risk reduction measures to limit exposure of the user of the substance to a non hazardous level. If the measured level of exposure by a route divided by the DNEL for the route is greater than 1, then further exposure controls should be implemented as described in section 8.2. Where new information becomes available under REACH, this will be passed on as revisions to the Safety Data Sheet.

#### ETHYLENEDIAMINETETRAACETIC ACID TETRASODIUM SALT (CAS: 64-02-8)

**DNEL** Professional - Inhalation; Long term systemic effects: 1.5 mg/m<sup>3</sup>

**PNEC**

- Fresh water; 2.86 mg/l
- marine water; 0.286 mg/l
- Intermittent release; 1.56 mg/l
- Soil; 0.937 mg/kg, mg/kg dwt
- STP; 55.94 mg/kg

#### N-(3-AMINOPROPYL)-N-DODECYLPROPANE-1,3-DIAMINE (CAS: 2372-82-9)

**DNEL** Professional - Inhalation; Long term systemic effects: 2.35 mg/m<sup>3</sup>

**PNEC**

- Fresh water; 0.001 mg/l
- marine water; 0.0001 mg/l
- Sediment (Freshwater); 8.5 mg/l
- Sediment (Marinewater); 0.85 mg/l
- Soil; 45.34 mg/l

#### SODIUM ARYL SULPHONATE (CAS: 1300-72-7)

## CPP H2FA ANTIBACTERIAL CLEANER AND DISINFECTANT

<b>DNEL</b>	<p>Workers - Dermal; Long term systemic effects: 136.25 mg/kg/day</p> <p>Workers - Inhalation; Long term systemic effects: 26.9 mg/m<sup>3</sup></p> <p>Workers - Dermal; Long term local effects: 0.096 mg/cm<sup>2</sup></p> <p>General population - Inhalation; Long term systemic effects: 6.6 mg/m<sup>3</sup></p> <p>General population - Dermal; Long term systemic effects: 68.1 mg/kg</p> <p>General population - Dermal; Long term local effects: 0.048 mg/cm<sup>2</sup></p> <p>General population - Oral; Long term systemic effects: 3.8 mg/kg/day</p>
<b>PNEC</b>	<p>- Fresh water; 0.23 mg/l</p> <p>- marine water; 0.023 mg/l</p> <p>- Intermittent release; 2.3 mg/l</p> <p>- Sediment, Fresh water; 0.862 mg/kg</p> <p>- Sediment, marine water; 0.0862 mg/kg</p> <p>- Soil; 0.037 mg/kg</p> <p>- STP; 100 mg/l</p>

### 8.2. Exposure controls

#### Protective equipment



#### Personal protection

The PPE indicated above is not a COSHH assessment. It represents PPE that should be considered during the manufacture, distribution, use and final disposal stages of this product's life cycle. It is the responsibility of employers to conduct a COSHH/risk assessment to determine appropriate PPE levels. The information given below should be used to support this assessment. Where possible replace manual processes with automated or closed processes to minimise contact with the product.

#### Eye/face protection

Wear approved, tight fitting safety glasses where splashing is probable. Refer to EN Standard 166 to select appropriate level of protection.

#### Hand protection

Rubber (natural, latex). Neoprene. Polyvinyl chloride (PVC). The expected use of this product is such that gloves with a breakthrough time of >60 minutes should be regarded as sufficient. Gloves should be inspected regularly for damage and replaced when necessary. Refer to Standard EN 374 and EN 16523

#### Other skin and body protection

Wear suitable protective clothing as protection against splashing or contamination. Reference to EN 13832 and EN 943 is useful when selecting footwear and clothing.

#### Hygiene measures

Provide eyewash station and safety shower. Promptly remove non-impervious clothing that has become contaminated, provided it is not adhered to the skin.

#### Respiratory protection

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Workplace Exposure Limit.

#### Environmental exposure controls

Do not allow the substance to contaminate surface water/ground water. See points 6, 12 & 13.

#### General Health and Safety Measures.

A full Risk Assessment should be carried out before handling any chemical(s). Risk Assessments should refer to COSHH, and any other relevant legislation or industry specific guidelines governing the use of chemicals.

### SECTION 9: Physical and chemical properties

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

Appearance	Clear liquid.
Colour	Pale Blue

## CPP H2FA ANTIBACTERIAL CLEANER AND DISINFECTANT

<b>Odour</b>	Non Distinct.
<b>Odour threshold</b>	Not applicable.
<b>pH</b>	10 - 10.5
<b>Melting point</b>	Not applicable.
<b>Initial boiling point and range</b>	Not applicable.
<b>Flash point</b>	Not applicable. Contains no Flammable Components
<b>Evaporation rate</b>	Not applicable.
<b>Evaporation factor</b>	Not applicable.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	Not applicable.
<b>Vapour pressure</b>	Not applicable.
<b>Vapour density</b>	Not applicable.
<b>Relative density</b>	~ 1 - 1.05 @ 20 Degrees C
<b>Bulk density</b>	Not applicable.
<b>Solubility(ies)</b>	Soluble in water.
<b>Partition coefficient</b>	Not applicable. Technically not feasible.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition Temperature</b>	Not applicable.
<b>Viscosity</b>	Not determined.
<b>Explosive properties</b>	Not applicable.
<b>Explosive under the influence of a flame</b>	Not considered to be explosive.
<b>Oxidising properties</b>	Does not meet the criteria for classification as oxidising. Not applicable. Contains no Oxidising Components.
<b><u>9.2. Other information</u></b>	
<b>Refractive index</b>	Not applicable.
<b>Particle size</b>	Not applicable.
<b>Molecular weight</b>	Not applicable.
<b>Volatility</b>	Not applicable.
<b>Saturation concentration</b>	Not applicable.
<b>Critical temperature</b>	Not applicable.
<b>Volatile organic compound</b>	Not applicable.
<b>Explosive Properties</b>	Not Classified as Explosive
<b>Storage Temperature Range</b>	0 - 40 Degrees C

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

## CPP H2FA ANTIBACTERIAL CLEANER AND DISINFECTANT

**Reactivity** Not expected to react when correctly stored and used. Mixing with other chemicals may produce unexpected reactions.

### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures and when used as recommended. - See note 10.6.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Refer to section 10.1.

### 10.4. Conditions to avoid

**Conditions to avoid** Avoid excessive heat for prolonged periods of time.

### 10.5. Incompatible materials

**Materials to avoid** Avoid contact with acids. Do not mix with Hypochlorite based chemicals this could result in a hazardous reaction producing heat, CO<sub>2</sub> and O<sub>2</sub>. This product is not compatible with copper or its alloys, slow dissolution of the metal will occur.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Does not decompose when used and stored as recommended. - See section 10.5.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

**ATE oral (mg/kg)** 71,428.57

#### Respiratory sensitisation

**Respiratory sensitisation** No evidence of respiratory sensitisation for any component of this formulation.

#### Skin sensitisation

**Skin sensitisation** No evidence of skin sensitisation for any component of this formulation.

#### General information

See section 4.2.

#### Inhalation

Unlikely route of exposure. Inhalation of sprayed droplets may result in soreness of the throat, mouth and nose. - See section 4.2.

#### Ingestion

Unlikely route of exposure without deliberate abuse. There may be soreness and redness of mouth and throat. A soapy taste may be reported. May cause irritation/discomfort to mucous membranes.

#### Skin contact

Under normal conditions of use exposure time will be short and the likelihood of causing skin irritation will be very low. Long exposure may result in skin dryness.

#### Eye contact

Irritating to eyes.

## SECTION 12: Ecological information

#### Ecotoxicity

This product is classified as harmful to aquatic life. Normal use is not expected to pose a risk.

### 12.1. Toxicity

#### Acute aquatic toxicity

##### Acute toxicity - fish

Normal use is unlikely to pose a hazard to the environment.

### 12.2. Persistence and degradability

## CPP H2FA ANTIBACTERIAL CLEANER AND DISINFECTANT

**Persistence and degradability** The surfactant(s) used in this preparation complies (comply) with the biodegradability criteria as laid down in the European Detergents Regulation No 648/2004 as amended.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** Not expected to bioaccumulate.

**Partition coefficient** Not applicable. Technically not feasible.

### 12.4. Mobility in soil

**Mobility** The product contains substances which are water soluble and may spread in water systems.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

**Other adverse effects** Not determined.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** When handling waste, the safety precautions applying to handling of the product should be considered. Do not mix with other chemicals.

**Disposal methods** Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. Small volumes of use solution can be disposed of to sewers.

## SECTION 14: Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

No transport warning sign required.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

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



## CPP H2FA ANTIBACTERIAL CLEANER AND DISINFECTANT

### SECTION 15: Regulatory information

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

**EU legislation** European Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures.  
 This replaces Directive 67/548/EEC - Classification, Packaging and Labelling of Dangerous Substances and Regulation (EC) No. 453/2010 relating to the Classification, Packaging and Labelling of Dangerous Preparations. Also considered is the REACH Regulation (EC) No.1907/2006.

#### 15.2. Chemical safety assessment

##### **Pcs Information**

No chemical safety assessment has been carried out.

### SECTION 16: Other information

**Abbreviations and acronyms used in the safety data sheet** (EC) No. 1272/2008 : EU Regulation on Classification, Labelling and Packaging of Substances and Mixtures.  
 NPIS - National Poisons Information Service.  
 vPvB - Very Persistent, Very bioaccumulative.  
 PBT - Persistent, Bioaccumulative & Toxic.  
 REACH - Registration, Evaluation, Authorisation & restriction of CHemicals (Regulation EC 1907/2006).  
 DNEL - Derived No Effect Limit.  
 PNEC - Predicted No Effect Concentration.  
 COSHH - Control of Substances Hazardous to Health.  
 Industry - Refers in section 8 to application of the substance in an industrial process.  
 Professional - Refers in section 8 to application/use of the preparation/product in a skilled trade premises.

**General information** This document is a Safety Data Sheet, NOT a CoSHH assessment. It is the customer's responsibility to conduct a full CoSHH assessment, taking into account the information held within this document along with other local factors considered in a risk assessment. The Risk and Hazard statements listed below are the full text of abbreviations used in this document. They are not the final classification, for this refer to section 2.

**Revision comments** Formulation and SDS review with no change in classification

**Revision date** 14/05/2019

**SDS number** 23869

**Hazard statements in full** H290 May be corrosive to metals.  
 H301 Toxic if swallowed.  
 H302 Harmful if swallowed.  
 H314 Causes severe skin burns and eye damage.  
 H318 Causes serious eye damage.  
 H332 Harmful if inhaled.  
 H373 May cause damage to organs through prolonged or repeated exposure.  
 H400 Very toxic to aquatic life.  
 H410 Very toxic to aquatic life with long lasting effects.  
 H412 Harmful to aquatic life with long lasting effects.

## CPP H2FA ANTIBACTERIAL CLEANER AND DISINFECTANT

**REACH extended MSDS  
comments**

REACH requires that persons handling chemicals should take the necessary risk management measures, in accordance with assessments from manufacturers and importers of chemical substances. The relevant recommendations must be passed along the supply chain. These assessments are generally reported in Exposure Scenarios. Where Exposure Scenarios have been provided for substances used in this product, the relevant information is incorporated into the safety data sheet.

**END OF SAFETY DATA  
SHEET**

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.