



SAFETY DATA SHEET

CPP H3 GENERAL PURPOSE CLEANER

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 H3 GENERAL PURPOSE CLEANER
Product number CPPH3

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

Identified uses Detergent. For professional use only.
Uses advised against Not for direct contact with Food or Beverage stuffs. Not for 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. Irish Environmental Protection Agency 1890 335599.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards

Not Classified

Health hazards

Skin Irrit. 2 - H315 Eye Dam. 1 - H318

Environmental hazards

Aquatic Acute 1 - H400

2.2. Label elements

Pictogram

CPP H3 GENERAL PURPOSE CLEANER**Signal word****Hazard statements****Precautionary statements****Contains****Detergent labelling****Supplementary precautionary statements****Signal word**

H315 Causes skin irritation.
 H400 Very toxic to aquatic life.
 H318 Causes serious eye damage.

P273 Avoid release to the environment.
 P280 Wear protective clothing, gloves, eye and face protection.
 P302+P352+P332+P313 IF ON SKIN: Wash with plenty of water: If skin irritation occurs: Get medical advice/attention.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P313 Get medical advice/attention.
 P501 Dispose of contents/container in accordance with national regulations.

ISO TRIDECANOL ALCOHOL ETHOXYLATE

< 5% amphoteric surfactants, < 5% cationic surfactants, < 5% EDTA and salts thereof, < 5% non-ionic surfactants, < 5% phosphates, < 5% phosphonates

P404 Store in a closed container.

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**

ISO TRIDECANOL ALCOHOL ETHOXYLATE	1-5%
CAS number: 69011-36-5 EC number: 931-138-8 REACH registration number: 02-2119552461-55-0000	
Classification	Classification (67/548/EEC or 1999/45/EC)
Eye Dam. 1 - H318	Xi;R41.
Aquatic Chronic 3 - H412	
ETHYLENEDIAMINETETRAACETIC ACID TETRASODIUM SALT	1-5%
CAS number: 64-02-8 EC number: 200-573-9 REACH registration number: 01-2119486762-27	
Classification	Classification (67/548/EEC or 1999/45/EC)
Met. Corr. 1 - H290	Xn;R20,R22. Xi;R41.
Acute Tox. 4 - H332	
Eye Irrit. 2 - H319	

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ALKYL BENZYL DIMETHYL AMMONIUM CHLORIDE 1-5%	
CAS number: 63449-41-2 EC number: 264-151-6 M factor (Acute) = 10	
Classification Acute Tox. 4 - H302 Acute Tox. 4 - H312 Skin Corr. 1B - H314 Aquatic Acute 1 - H400	Classification (67/548/EEC or 1999/45/EC) Xn;R21/22. C;R34. N;R50.
TETRAPOTASSIUM PYROPHOSPHATE 1-5%	
CAS number: 7320-34-5 EC number: 230-785-7	
Classification Eye Irrit. 2 - H319	Classification (67/548/EEC or 1999/45/EC) Xi;R36.
BETA-ALANINE, N-(2 CARBOXYETHYL)-N-DODECYL MONO SODIUM SALT 1-5%	
CAS number: 90170-43-7 EC number: 290-476-8	
Classification Eye Irrit. 2 - H319	Classification (67/548/EEC or 1999/45/EC) Xi;R36.

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

Composition comments To the best of our knowledge, all of the substances used in this product are being supported for the relevant application in REACH.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

When it is safe to do so, remove victim immediately from source of exposure. However, consideration should be given as to whether moving the victim will cause further injury.

Inhalation

Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If breathing stops, provide artificial respiration. Get medical attention if any discomfort continues.

Ingestion

Do not induce vomiting. Rinse mouth thoroughly with water. Place unconscious person on the side in the recovery position and ensure breathing can take place. Get medical attention.

Skin contact

Remove contaminated clothing that is not adhered to the skin. Flush area with clean water. Get medical attention if any discomfort continues.

Eye contact

Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes and get medical attention.

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

General information

Neat product may cause irritation to skin and eyes. Dilute chemical may result in mild irritation to skin. Contact of dilute chemical with eyes should still be treated as outlined above.

Inhalation

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

Ingestion

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Unlikely route of exposure without deliberate abuse. If neat chemical is ingested, irritation of the mouth, throat and GI tract may occur. If dilute chemical is ingested some soreness of the mouth, throat and GI tract may occur.

Skin contact

Prolonged or repeated contact with skin may cause irritation, redness and dermatitis. Chemical burns are possible after prolonged contact.

Eye contact

May cause irritation to the eyes. May result in permanent eye damage.

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

Notes for the doctor

Contains Chelating Agents and Surfactants in Aqueous Solution. Rinse well with water to neutral pH.

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

The product is non-combustible. 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. Avoid or minimise the creation of any environmental contamination.

6.3. Methods and material for containment and cleaning up

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. - Note these comments apply to spillage of very large quantities, not normal use volumes.

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

Wear suitable protective equipment for prolonged exposure and/or high concentrations of vapours, spray or mist. Read and follow manufacturer's recommendations.

At normal use strengths it is expected that typical work clothing will provide adequate body protection, but users should avoid

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both breathing in and eye contact of sprayed droplets.
Refer to section 8 for advice.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Keep only in the original container. Store in a demarcated bunded area to prevent release to drains and/or watercourses. Store away from:- Chlorinated materials Store between 0 and 40 Degrees C

7.3. Specific end use(s)

Specific end use(s)

Detergent, 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

Occupational exposure limits

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 an exposure level is quoted, a risk assessment should consider if there is a need to monitor the atmosphere of the working environment. Results should be compared against the WEL and/or DNEL information provided.

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: 2.5 mg/m3 Professional - Inhalation; Long term local effects: 2.5 mg/m3 Professional - Inhalation; Short term systemic effects: 2.5 mg/m3 Professional - Inhalation; Short term local effects: 2.5 mg/m3
PNEC	- Fresh water; 2.2 mg/l - Marine water; 0.22 mg/l - Intermittent release; 1.2 mg/l - Soil; 0.72 mg/kg - STP; 43 mg/kg

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate general and local exhaust ventilation.

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 products 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

If risk of splashing, wear safety goggles or face shield. Refer to EN Standard 166 to select appropriate level of protection.

Hand protection

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Rubber (natural, latex). Neoprene. Polyvinyl chloride (PVC).
Refer to Standard EN 374.

Other skin and body protection

Provide eyewash station. Wear suitable protective clothing as protection against splashing or contamination.

Hygiene measures

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

Respiratory protection

Ensure adequate ventilation, do not breathe in spray or vapours.

Environmental exposure controls

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

Users of this product should consult local drainage and permitting authorities to ensure that any restrictions or discharge consents are adhered to. We believe that cationic component(s) of this formulation represent the greatest ecotox risk. As information becomes available it will be included in section 12 of the MSDS.

General Health and Safety Measures.

The above requirements refer to the neat product. A 5% solution of this product would not be classified. However, we would recommend eye protection if there is a risk of splashing, also use of gloves.

Alkyl Benzyl Dimethyl Ammonium Chloride has been linked to skin sensitisation by prolonged or repeated exposure. Use of gloves is recommended. 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

Green.

Odour

Detergent.

Odour threshold

Not applicable.

pH

pH (diluted solution): 7.5 - 8.5 @ 1%

Melting point

~ 0 degrees C

Initial boiling point and range

Not applicable.

Flash point

Not applicable. Contains no Flammable Components

Evaporation rate

Not applicable.

Evaporation factor

Not applicable.

Flammability (solid, gas)

Not flammable

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Upper/lower flammability or explosive limits

Not applicable.

Other flammability

Not applicable.

Vapour pressure

Not applicable.

Vapour density

Not applicable.

Relative density

1.03 @20 Degrees C

Bulk density

Not applicable.

Solubility(ies)

Soluble in water.

Partition coefficient

Not applicable. Not technically practical for mixtures.

Auto-ignition temperature

Not applicable.

Decomposition Temperature

Not applicable.

Viscosity

Not determined.

Explosive properties

Not applicable.

Explosive under the influence of a flame

Not considered to be explosive.

Oxidising properties

Not applicable. Contains no Oxidising Components.

9.2. Other information

Refractive index

Not applicable.

Particle size

Not applicable.

Molecular weight

Not applicable.

Volatility

Not applicable.

Saturation concentration

Not applicable.

Critical temperature

Not applicable.

Volatile organic compound

Not applicable.

Explosive Properties Not Classified as Explosive

Storage Temperature Range 0 to + 40 Degrees C

SECTION 10: Stability and reactivity

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10.1. 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

Refer to section 10.1.

Do not mix with Hypochlorite based chemicals, this could result in a dangerous heating of the solution.

10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials

Materials to avoid

May induce stress cracking in Polycarbonate.

Do not mix with Hypochlorite based chemicals this could result in a hazardous reaction producing heat, CO₂ and O₂.

10.6. 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)

26,500.0

Acute toxicity - dermal

ATE dermal (mg/kg)

26000.0

Acute toxicity - inhalation

ATE inhalation (dusts/mists mg/l)

49.34210526

Respiratory sensitisation

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

Skin sensitisation

Alkyl Benzyl Dimethyl Ammonium Chloride has been linked to skin sensitisation by prolonged or repeated exposure. Use of gloves is recommended.

Carcinogenicity

The components of this formulation will not be systemically available in the body under normal conditions of handling. As a consequence it is not expected to cause cancer.

Reproductive toxicity

Reproductive toxicity - fertility

The components of this formulation will not be systemically available in the body under normal conditions of use and handling. As a consequence it is not expected to be toxic to the reproductive system or developing foetus.

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

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Will cause severe irritation to mouth, throat and GI-Tract.

Skin contact

Irritating to skin. - See section 4.2.

Eye contact

Risk of serious damage to eyes. May cause permanent eye injury.

SECTION 12: Ecological Information

Ecotoxicity

This product is classified as very toxic to aquatic life, this refers to the neat product. Normal use is not expected to pose a risk.

12.1. Toxicity

Normal use is not expected to pose an ecological risk.

Acute toxicity - fish

Very toxic to aquatic organisms. See note 12.0.

To the best of our current knowledge, the main ecotoxicological effect is due to the Alky Benzyl Dimethyl Ammonium Chloride, for which :-

The EC50/48h value for Daphnia is 0.03mg/l.

The EC50/96h value for Selenastrum capricornutum is 0.06mg/l.

The LC50/96h value for Rainbow Trout is 1.7 mg/l.

Behaviour in sewage processing plants - EC20 / 0.5hr = 10mg/l (Activated Sludge).

12.2. Persistence and degradability

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

Not expected to Bioaccumulate.

Partition coefficient

Not applicable. Not technically practical for mixtures.

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

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

12.6. 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. 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. Do not mix with other chemicals.

Disposal methods

Small volumes of use solution can be disposed of to sewers.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 3082

UN No. (IMDG) 3082

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UN No. (ICAO) 3082

14.2. UN proper shipping name

Proper shipping name (ADR/RID) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ALCOHOL ETHOXYLATE, ALKYL BENZYL DIMETHYL AMMONIUM CHLORIDE)

Proper shipping name (IMDG) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ALCOHOL ETHOXYLATE, ALKYL BENZYL DIMETHYL AMMONIUM CHLORIDE)

Proper shipping name (ICAO) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ALCOHOL ETHOXYLATE, ALKYL BENZYL DIMETHYL AMMONIUM CHLORIDE)

Proper shipping name (ADN) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ALCOHOL ETHOXYLATE, ALKYL BENZYL DIMETHYL AMMONIUM CHLORIDE)

14.3. Transport hazard class(es)

ADR/RID class 9

ADR/RID subsidiary risk

ADR/RID label 9

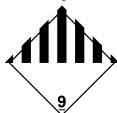
IMDG class 9

IMDG subsidiary risk

ICAO class/division 9

ICAO subsidiary risk

Transport labels



14.4. Packing group

ADR/RID packing group III

IMDG packing group III

ICAO packing group III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



Yes.

14.6. Special precautions for user

EmS F-A, S-F

Emergency Action Code •3Z

Hazard Identification Number (ADR/RID) 90

Tunnel restriction code (E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: Regulatory information

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

EU legislation

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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

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

Review in line with CLP Regulation.

Revision date 01/07/2014

SDS number 20510

Risk phrases in full

R20 Harmful by inhalation.

R21/22 Harmful in contact with skin and if swallowed.

R22 Harmful if swallowed.

R34 Causes burns.

R36 Irritating to eyes.

R36/38 Irritating to eyes and skin.

R41 Risk of serious damage to eyes.

R50 Very toxic to aquatic organisms.

Hazard statements in full

H290 May be corrosive to metals.

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H400 Very toxic to aquatic life.

H412 Harmful to aquatic life with long lasting effects.

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**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.

Disclaimer

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.