

SAFETY DATA SHEET

Clean Care Concentrate ®

This Safety Data Sheet contains information concerning the potential risks to those involved in handling, transporting and working with the material, as well as describing potential risks to the consumer and the environment. This information must be made available to those who may come into contact with the material or are responsible for the use of the material. This Safety Data Sheet is prepared in accordance with formatting described in the REACH Regulation (EC) No 1907/2006, and described in CLP Regulation (EC) No 1272/2008.

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

- 1.1 Product identifier**
Clean Care Concentrate
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
Hard surface cleanser/sanitiser
- 1.3 Details of the supplier of the safety data sheet**
One off Innovations Ltd
Unit 1D
Hampden Road
Pocklington Industrial Estate
York
YO42 1NR
Tel: 01759 307590
Email: artemis@oneoffinnovations.co.uk
- 1.4 Emergency telephone number**
OHES Environmental Ltd TEL: 0333 333 9939 (24hr)

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

Classification in accordance with the Classification Labelling and Packaging Regulation EC (no) 1272/2008

Skin Corrosion 1A
Aquatic Acute 1, M=1
Aquatic Chronic 3

2.2 Label elements

Labelling in accordance with the Classification Labelling and Packaging Regulation EC (no) 1272/2008



Danger

H314: Causes severe skin burns and eye damage.

H400: Very toxic to aquatic life.

H412: Harmful to aquatic life with long lasting effects.

P102	Keep out of reach of children
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.
P303+P361+P353:	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
P363:	Wash contaminated clothing before reuse.
P301+P330+P331:	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P273:	Avoid release to the environment.
P501:	Dispose of contents in accordance with National regulations.

2.3 Other hazards

Concentrate is hazardous to the environment

SECTION 3: Composition

3.1 Substances

Not applicable - product is a mixture

3.2 Mixtures

Ethanol in an aqueous mixture

Name	CAS or EC No,	Concentration	Classification
C9-C11 alcohol ethoxylate with 6.5meo	68439-46-3 614-482-0	1 - 5%	Acute Tox. 4: H302; Eye Dam. 1: H318
Quaternary ammonium compounds, benzyl C12-C16 (even numbered)-alkyldimethyl chlorides	68424-85-1 939-253-5	1 - 3%	Acute Tox. 4: H302 Skin Corr. 1B: H314 Aquatic Acute 1: H400 (M=10) Aquatic Chronic 1: H410 (M=1)
Sodium hydroxide	1310-73-2 215-185-5	1 - 5%	Skin Corr. 1A: H314
Ethylene Diamine Tetra Acetic Acid, tetra Sodium salt	64-02-8 200-573-9	1 - 2%	Acute Tox. 4: H302; Eye Dam. 1: H318
β-Alanine, n-(2-carboxyethyl) - n-coco alkyl derivs., disodium salts	90170-43-7 290-476-8	1 - 3%	Eye Irrit. 2: H319 Aquatic Chronic 3: H412
Fragrance / colourant	-	< 0.5	Non-hazardous
Non-hazardous	-	To 100%	

See section 16 for full description of H statements.

SECTION 4: First Aid Measures

4.1 Description of first aid measures

EYE CONTACT: Immediately rinse thoroughly with water for several minutes and obtain medical attention.

INHALATION: If spray or mist inhaled, may cause discomfort. Seek medical advice if breathing becomes difficult

SKIN CONTACT: If in case of skin contact, immediately wash off with water. Obtain medical attention if continued signs of discomfort

INGESTION: If swallowed, rinse mouth with water. Obtain medical attention if signs of discomfort or if feeling unwell.

4.2 Most important symptoms and effects, both acute and delayed

EYE CONTACT: If liquid gets into the eye it may cause redness, stinging, watering of the eye and without immediate treatment, cause permanent eye damage

INHALATION: Symptoms unlikely from normal use, but inhalation of spray or mist may cause temporary discomfort.

SKIN CONTACT: Contact with skin with concentrate may lead to severe irritation and damage to the skin. Prolonged skin contact with diluted product may cause drying of the skin and irritation

INGESTION: Ingestion of the liquid will cause severe irritation to the mouth.

4.3 Indication of any immediate medical attention and special treatments needed

Dilution and symptomatic treatment as required

SECTION 5: Firefighting Measures

5.1 Extinguishing media

Product not flammable and will not support combustion. No special measures.

5.2 Special hazards arising from the substance or mixture

No special hazards.

5.3 Advice for fire fighters

Corrosive material.

SECTION 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

In case of large spill (> 5 litres), wear protective clothing and gloves suitable for alkaline detergents and wear eye protection. Keep unnecessary people away from area of spill. Rinse area with water.

For small spills (< 5 litres), dilute with water and use mop and bucket or other suitable cleaning equipment. Rinse area with water.

6.2 Environmental precautions

Prevent entry of large quantities into drains, sewers and watercourses.

6.3 Methods and materials for containment and clearing up

Absorb onto suitable material. Collect and place in a sealable container for disposal.

6.4 References to other sections

See section 8 and 13 for further advice.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Avoid contact with eyes and skin.

7.2 Conditions for safe storage, including any incompatibilities

Store in its original labelled container. Keep out of reach of children and animals.

7.3 Specific end uses(s)

No special precautions. Only use as diluted product. Follow supplier instructions before use.

SECTION 8. Exposure Controls/Personal Protection

8.1 Control parameters

No relevant exposure limits for normal use

8.2 Exposure controls

Engineering controls

Normal room ventilation is expected to be adequate.

Respiratory protection

Not required

Hand Protection

Protective coveralls and gloves suitable for alkaline detergents must be worn. Butyl rubber or nitrile rubber are considered suitable, but glove manufacturer recommendations should always be checked.

Eye protection

Tightly fitting safety goggles suitable for alkaline cleaners..

Skin protection

If large volume (> 1 litre) is being handled or prolonged contact is expected, then suitable protective clothing should be worn. Remove protective clothing when contaminated and wash before reuse.

Environmental Exposure Controls

Not normally required for normal use and handling, but prevent direct discharge into the environment.

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

Appearance:	Clear liquid
Odour:	Apple
Odour threshold:	Not known
pH:	12 - 13, strong alkaline
Melting point:	ca 0°C
Boiling point:	ca 100°C
Flashpoint:	Not flammable and does not support combustion
Evaporation rate:	As for water
Flammability:	Not flammable and does not support combustion
Upper/lower flammability limits:	Not applicable
Vapour pressure:	As for water
Vapour density:	Not applicable
Relative density:	ca 1 g/cm ³ at 20°C
Solubility in water:	Completely miscible
Solubility in other solvents:	Miscible with polar solvents
Partition coefficient (log Kow):	Organic components Log Kow < 1 at 25°C
Autoignition temperature:	Not flammable and does not support combustion
Decomposition temperature:	No decomposition when used under normal conditions
Viscosity:	Low viscosity
Explosive properties:	Not classified as explosive
Oxidising properties:	Not classified as oxidising

9.2 Other information

None

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

Not considered to be reactive.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

None expected.

10.4 Conditions to avoid

Avoid exposure to high and freezing temperatures.

10.5 Incompatible materials

Avoid contact with strong oxidisers.

10.6 Hazardous decomposition products

None known.

SECTION 11: Toxicological Information**11.1 Information on toxicological effects**

This product has not been tested. Judgements on the expected toxicity of this product have been made based upon consideration of its major components.

(a) acute toxicity	Based on ingredients, not expected to be an acute toxicity hazard ATE (oral, rat) >2000 mg/kg ATE (dermal, rabbit) >2000 mg/kg
(b) skin corrosion/irritation	Corrosive to skin as concentrate. Strong alkaline.
(c) serious eye damage/irritation	Will cause serious eye damage. Strong alkaline.
(d) respiratory/skin sensitisation	No ingredient known to be potentially sensitising Contains plant fragrance oils, but below threshold for classification
(e) germ cell mutagenicity	No ingredient known to be potentially mutagenic
(f) carcinogenicity	No ingredient known to be potentially carcinogenic
(g) reproductive toxicity	No ingredient known to be potentially toxic for reproduction
(h) STOT-single exposure	No known hazard
(i) STOT-repeated exposure	No known hazard
(j) aspiration hazard	Not an aspiration hazard.

SECTION 12: Ecological Information**12.1 Toxicity**

Concentrate will be toxic to the environment
Toxicity to fish: estimated LC50: 1 - 10 mg/l, 96 hr
Toxicity to invertebrates: estimated EC50: 0.6 mg/l, 48 hr
Prolonged toxicity to invertebrates: estimated EC10: 0.9 mg/l, 21 days
Toxicity to algae: estimated EC50: 1 mg/l, 72 hr

12.2 Persistence and degradability

Organic components are considered rapidly biodegradable

12.3 Bioaccumulative potential

Organic components are readily metabolised and not expected to bioaccumulate.

12.4 Mobility in soil

All component water soluble and likely to be mobile in soil

12.5 Results of PBT and vPvB assessment

Organic components is not considered to be PBT or vPvB.

12.6 Other adverse effects

None known

SECTION 13: Disposal Considerations

13.1 Waste treatment methods

Waste should be disposed of in accordance with local regulations as low-hazard detergent waste
Unused product may be disposed of as low-hazard detergent waste

SECTION 14: Transport Information

14.1 UN Number	UN3267
14.2 Shipping name	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.
14.3 Transport Class	Class 8
14.4 Packing Group	III

SECTION 15: Regulatory Information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

All components are listed as existing substances in Europe
Biocidal Products Regulation (EU) no. 528/2012 applies, on the making available on the market and use of biocidal products.
Detergents Regulation (EC) No 648/2004 applies

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product. A Chemical Safety Assessment has been carried out for the main components which are all REACH Registered

SECTION 16: Other Information**Revision information:**

This is the first SDS prepared in accordance with the REACH Regulation 1907/2006.

List of Abbreviations used in this SDS:

CAS Chemical Abstracts Service
CLP Classification, Labelling and Packaging Regulation (EC) no 1272/2008
EC European Community/Commission
PBT Persistent, Bioaccumulative and Toxic
REACH Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) no 1907/2006
vPvB very Persistent, very Bioaccumulative

References:

CLP Regulation 1272/2008
ECHA database August 2020. Source: European Chemicals Agency, <http://echa.europa.eu/>
Suppliers SDS

Method used for classification of mixtures:

Ingredient based approaches

H Statements used in Section 3

H302: Harmful if swallowed.
H314: Causes severe skin burns and eye damage.
H318: Causes serious eye damage
H319 Causes serious eye irritation
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.

Training requirements for workers

For professional use only. Training must be provided to operatives in handling corrosive materials.

