

SAFETY DATA SHEET

Carex Professional Handwash - Bacteria Protect Zinc

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 should 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**
Carex Professional Handwash - Bacteria Protect Zinc
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
Hand washing
- 1.3 Details of the supplier of the safety data sheet**
PZ Cussons (UK) Ltd,
Manchester Business Park,
3500 Aviator Way,
Manchester, M22 5TG
Tel: +44 (0)161 435 1000 (Office Hours), +44 (0) 800 581001 (24 hour voicemail)
Email: pzweb.general@pzcussons.com
- 1.4 Emergency telephone number**
Tel: +44 (0)161 435 1000 (Office Hours), +44 (0) 800 581001 (24 hour voicemail)

SECTION 2: Hazards Identification

- 2.1 Classification of the substance or mixture**
This product is not considered to be hazardous based upon consideration of the components.
Classification in accordance with the Dangerous Preparations Directive 1999/45/EC
Not classified as hazardous
Classification in accordance with the CLP Regulation (EC) No 1272/2008
Not classified as hazardous
- 2.2 Label elements**
Labelling in accordance with the Dangerous Preparations Directive 1999/45/EC
No label required.
Labelling in accordance with the CLP Regulation (EC) No 1272/2008
No label required.
- 2.3 Other hazards**
There are no known long-term health effects resulting from exposure.
All components are biodegradable and not expected to present a hazard to the environment.

SECTION 3: Composition**3.1 Substances**

Not applicable, product is a mixture.

3.2 Mixtures

An aqueous solution of anionic and amphoteric surfactants with preservative and fragrance. This product contains the following hazardous components:

Name	CAS No	Concentration	Classification
Sodium Laureth Sulfate	9004-82-4	5-15%	Acute Tox. 4 H302, Eye Irrit. 2 H319
			Xn; R22, Xi; R36
Cocamidopropyl Betaine	61789-40-0	1-5%	Skin Irrit. 2 H315, Eye Irrit. 2 H319
			Xi; R36/38

See section 16 for full description of R phrases and H statements.

SECTION 4: First Aid Measures**4.1 Description of first aid measures**

EYE CONTACT: Wash thoroughly with water for several minutes whilst holding the eyelids open. Seek medical attention.

INHALATION: Remove from exposure. If breathing becomes difficult call a doctor.

SKIN CONTACT: Wash off with plenty of water. Seek medical attention if irritation or discomfort occurs.

INGESTION: If swallowed, rinse mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

EYE CONTACT: Redness, tears, stinging

INHALATION: Runny nose, cough, sore throat

SKIN CONTACT: Slight redness, mild irritation, stinging. Prolonged contact or repeated exposure may cause dryness and cracking of skin.

INGESTION: Sore mouth and throat, nausea, vomiting.

4.3 Indication of any immediate medical attention and special treatments needed

Symptomatic treatment as required.

SECTION 5: Firefighting Measures**5.1 Extinguishing media**

Not flammable. Not known to react with any extinguishing material. Use extinguisher appropriate to surrounding conditions.

5.2 Special hazards arising from the substance or mixture

If involved in a fire, may release fumes of sulphur oxides.

5.3 Advice for fire fighters

Fire fighters should wear protective clothing and breathing apparatus as appropriate.

SECTION 6: Accidental Release Measures**6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective clothing including overall, gloves and eye protection to prevent skin and eye contact. Open doors and windows to ensure good ventilation. Spillage area may be very slippery.

6.2 Environmental precautions

Prevent entry into sewers and watercourses.

6.3 Methods and materials for containment and clearing up

Small spills (<1 litre) may be absorbed with paper towels.

Large spills (> 1 litre) should be covered with a suitable absorbent, e.g. sand, earth or spill granules and collected for disposal. Label containers for disposal.

Wash spill area thoroughly to remove residues.

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 prolonged contact with skin.

7.2 Conditions for safe storage, including any incompatibilities

Store in its original labelled container in a cool, well ventilated area. Avoid low temperatures. Not to be stored next to foodstuffs and water supplies. Keep out of reach of children and animals.

7.3 Specific end uses(s)

No special precautions.

SECTION 8. Exposure Controls/Personal Protection

8.1 Control parameters

No specific control limits available.

8.2 Exposure controls

Normal chemical handling procedures should be observed. Do not eat, drink or smoke when handling this product. Wash thoroughly after handling, Ensure adequate ventilation.

Respiratory protection

Not usually required. Use in well ventilated areas and avoid formation of spray or aerosols.

Hand Protection

If prolonged contact with undiluted product is likely wear suitable gloves recommended for use with surfactants. Nitrile, neoprene and rubber may be suitable but glove manufacturer recommendations should always be checked. Change gloves in accordance with manufacturer recommendations. If gloves are damaged during use, remove immediately and wash hands before replacing with new gloves.

Eye protection

Safety glasses or goggles recommended if handling significant quantities of undiluted product.

Skin protection

Coveralls recommended. These should be changed after use or if contaminated. Wash before re-use.

SECTION 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance:	Clear, dark blue liquid
Odour:	Pleasant odour
Odour threshold:	No data
pH:	3.6-3.8
Melting point:	No data
Boiling point:	Similar to water
Flashpoint:	Not flammable
Evaporation rate:	Similar to water
Flammability (solids, gas):	Not applicable
Upper/lower flammability limits:	Not flammable
Vapour pressure:	Similar to water
Vapour density	No data

Relative density	1.02-1.03
Solubility in water:	Completely soluble
Solubility in other solvents:	No data
Partition coefficient (log Kow)	No data
Autoignition temperature	No data
Decomposition temperature	No data
Viscosity	8000-12000 cps at 20°C
Explosive properties	Not considered to be explosive
Oxidising properties	Not considered to be 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

May release fumes of sulfur oxides if heated to decomposition.

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	This product is not considered to be acutely toxic.
(b) skin corrosion/irritation	May be mildly irritating to the skin, based on consideration of its components, especially on prolonged or repeated exposure.
(c) serious eye damage/irritation	May be mildly irritating to the eye, based on consideration of its components.
(d) respiratory/skin sensitisation	Contains no respiratory or skin sensitisers above thresholds of concern.
(e) germ cell mutagenicity	None of the components have been identified as germ cell mutagens.
(f) carcinogenicity	None of the components have been identified as carcinogens.
(g) reproductive toxicity	None of the components have been identified as reproductive toxins.
(h) STOT-single exposure	None of the components have been identified as presenting a systemic target organ hazard.
(i) STOT-repeated exposure	None of the components have been identified as presenting a systemic target organ hazard.
(j) aspiration hazard	Not considered to present an aspiration hazard.

SECTION 12: Ecological Information

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

12.1 Toxicity

Not expected to be toxic in the environment.

12.2 Persistence and degradability

The organic components are expected to biodegrade in the environment.

12.3 Bioaccumulative potential

None of the components are considered to be bioaccumulative.

12.4 Mobility in soil

All components are water soluble and are expected to partition in the aqueous compartment.

12.5 Results of PBT and vPvB assessment

None of the components are known to be PBT or vPvB.

12.6 Other adverse effects

None known.

SECTION 13: Disposal Considerations**13.1 Waste treatment methods**

Recover and recycle unused product if possible. If recovery and recycling are not possible incinerate or dispose of in accordance with local regulations. Do not mix with other waste materials.

SECTION 14: Transport Information

This product is not classified as dangerous for transport.

14.1	UN Number	Not applicable	
14.2	UN Proper shipping name	Not applicable	
14.3	Transport hazard class(es)	Not applicable	
14.4	Packing group	Not applicable	
14.5	Environmental hazards	Not applicable	
14.6	Special precautions for user	None	
14.7	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not transported in bulk	

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.

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

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

This is a new SDS.

List of Abbreviations used in this SDS:

CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging Regulation (EC) no 1272/2008
DSD	Dangerous Substances Directive 67/548/EEC

DPD Dangerous Preparations Directive 1999/45/EC
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:

ECHA CHEM and ESIS databases
Human & Environmental Risk Assessment on ingredients of European household cleaning products

Method used for classification of mixtures:

Expert judgement

R Phrases and H Statements used in Section 3

R22 Harmful if swallowed.

R36 Irritating to eyes.

R36/38 Irritating to eyes and skin

H302 Harmful if swallowed.

H315 Causes skin irritation

H319 Causes serious eye irritation.

Training requirements for workers

No special training requirements.