SAFETY DATA SHEET

Carex Professional Handwash - Original

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 - Original

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, blue liquid
Odour:	Pleasant odour
Odour threshold:	No data
pH:	3.7-3.9
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:	**C**ompletely 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.