

# SAFETY DATA SHEET

## Carex Hand Gel Moisture

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.

As the product is a Cosmetic Product, is it regulated under Cosmetic Regulation (EC) N°1223/2009, and CLP labelling does not apply, although the classification has been detailed in this SDS for information only.

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

#### 1.1 Product identifier

Carex Hand Gel Moisture

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

Hand sanitising

#### 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

Flammable Liquid 2 H225 Highly flammable liquid and vapour  
Eye Irritant 2 H319 Causes serious eye irritation

#### 2.2 Label elements



#### DANGER

H225 Highly flammable liquid and vapour  
H319 Causes serious eye irritation

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
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 container through domestic waste collection/recycling

**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
Ethanol	64-17-5	50-80%	Flam. Liq. 2 H225 Eye Irrit. 2 H319

See section 16 for full description of 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**

Highly flammable. Use water spray, alcohol resistant foam, carbon dioxide, or dry powder to extinguish.

**5.2 Special hazards arising from the substance or mixture**

No additional hazards.

**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. Remove all sources of ignition. 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**

Substance	8 hour TWA	15 min STEL	Source
Ethanol	1000 ppm (1920 mg/m <sup>3</sup> )	—	EH40, 2011

**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 ethanol. Nitrile, neoprene and butyl 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**

<b>Appearance:</b>	Opaque White Gel
<b>Odour:</b>	Pleasant odour
<b>Odour threshold:</b>	No data
<b>pH:</b>	6.0-7.5
<b>Melting point:</b>	No data
<b>Boiling point:</b>	78°C [Ethanol]
<b>Flashpoint:</b>	22°C
<b>Evaporation rate:</b>	Similar to ethanol

<b>Flammability (solids, gas):</b>	Not applicable
<b>Upper/lower flammability limits:</b>	3.3%-19.0% [Ethanol]
<b>Vapour pressure:</b>	Similar to ethanol
<b>Vapour density</b>	Similar to ethanol
<b>Relative density</b>	0.87-0.90
<b>Solubility in water:</b>	Completely soluble
<b>Solubility in other solvents:</b>	No data
<b>Partition coefficient (log Kow)</b>	No data
<b>Autoignition temperature</b>	No data
<b>Decomposition temperature</b>	No data
<b>Viscosity</b>	Minimum 10 000 cps at 20°C
<b>Explosive properties</b>	Not considered to be explosive
<b>Oxidising properties</b>	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 acrid fumes 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.

<b>(a) acute toxicity</b>	This product is not considered to be acutely toxic.
<b>(b) skin corrosion/irritation</b>	May be mildly irritating to the skin, based on consideration of its components, especially on prolonged or repeated exposure.
<b>(c) serious eye damage/irritation</b>	Expected to be irritating to the eye, based on consideration of its components.
<b>(d) respiratory/skin sensitisation</b>	Contains no respiratory or skin sensitisers above thresholds of concern.
<b>(e) germ cell mutagenicity</b>	Contains no germ cell mutagens above thresholds of concern..
<b>(f) carcinogenicity</b>	Contains no carcinogens above thresholds of concern.
<b>(g) reproductive toxicity</b>	Contains no reproductive toxins above thresholds of concern.
<b>(h) STOT-single exposure</b>	Contains no specific target organ toxicants above thresholds of concern.
<b>(i) STOT-repeated exposure</b>	Contains no specific target organ toxicants above thresholds of concern.
<b>(j) aspiration hazard</b>	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

14.1	UN Number	1170		
14.2	UN Proper shipping name	ETHANOL SOLUTION		
14.3	Transport hazard class(es)	3		
14.4	Packing group	II		
14.5	Environmental hazards	None		
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.

The product has however been toxicologically assessed as 'safe for use' according to the requirements of the Cosmetic Regulation (EC) N°1223/2009.

### 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 databases

**Method used for classification of mixtures:**

Ingredient based calculations and expert judgement

**R Phrases and H Statements used in Section 3**

H225 Highly flammable liquid and vapour  
H319 Causes serious eye irritation

**Training requirements for workers**

No special training requirements.