

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

PRODUCT NAMES : **Carex Hand Gel Range (Indonesian Manufacture)**
 Carex Hand Gel Original
 Carex Hand Gel Aloe Vera
 Carex Hand Gel Sensitive
 Carex Hand Gel Moisture Plus
 Carex Hand Gel Strawberry Laces
 Carex Hand Gel Bubble Gum

SUPPLIER : PZ CUSSONS (UK) LIMITED
 3500 Aviator Way
 Manchester Business Park
 Manchester
 M22 5TG
 Tel: 0161 435 1000

2. COMPOSITION / INFORMATION ON INGREDIENTS

An ethanol based hand cleanser

Information on hazardous ingredients:

Ingredient Name	EINECS No.	CAS No.	Concentration (%)	Hazard Symbol	Risk Phrases
Ethanol	200-578-6	64-17-5	55-65	F	11, 21
Parfum*	-	-	< 5	Xi, Xn, F, N	43, 51/53, 52/53, 65

* The parfum (fragrance) is compliant with EU regulatory requirements and may contain one or more of the follow fragrance sensitizers (according to the requirements of the Cosmetics Regulation 1223/2009):

Amyl Cinnamal, Amylcinnamyl Alcohol, Anise Alcohol, Benzyl Alcohol, Benzyl Benzoate, Benzyl Cinnamate, Benzyl Salicylate, Cinnamal, Cinnamyl Alcohol, Citral, Citronellol, Coumarin, Limonene, Eugenol, Farnesol, Alpha-Isomethyl Ionone, Geraniol, Hexyl Cinnamal, Hydroxycitronellal, Isoeugenol, Butylphenyl Methylpropional, Hydroxyisohexyl 3-Cyclohexene Carboxaldehyde, Linalool, Methyl 2-Octynoate, Evernia Prunastri, Evernia Furfuracea.

(See individual packs for detailed list)

3. HAZARD IDENTIFICATION

GENERAL : Highly flammable, F
 FOR EXTERNAL USE ONLY
 Eye Contact Irritating to eyes

MATERIAL SAFETY DATA SHEET

Skin Contact	Skin irritation on broken or irritated skin
Inhalation	High levels of vapour/mist may cause dizziness. Can cause irritation of the respiratory tract
Ingestion	May cause nausea, vomiting and intoxication

4. FIRST AID MEASURES

SKIN CONTACT	<ul style="list-style-type: none"> Remove contaminated clothing, wash skin thoroughly with soap and water. If irritation persists seek medical attention.
EYE CONTACT	<ul style="list-style-type: none"> Irrigate copiously with clean, fresh water for at least 10 minutes, holding eyelids apart and seek medical advice if irritation persists.
INHALATION	<ul style="list-style-type: none"> Remove person to fresh air, keep them warm and at rest. Seek medical advice if breathing difficult or irregular. If patient is unconscious, place them in recovery position and seek immediate medical attention and give nothing by mouth.
INGESTION	<ul style="list-style-type: none"> Rinse mouth out with water. Seek immediate medical attention. Keep patient at rest and do not induce vomiting.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	<ul style="list-style-type: none"> Alcohol resistant foam, CO₂; powder; water spray/mist.
Extinguishing media not to be used:	<ul style="list-style-type: none"> None known.
Special exposure hazards:	<ul style="list-style-type: none"> Fire exposed containers should be sprayed to lessen risk of explosion
Hazardous combustion products:	<ul style="list-style-type: none"> Fire will produce dense black smoke containing products which may be a health hazard. Smoke, carbon monoxide, carbon dioxide and oxides of nitrogen may be produced.
Special protective equipment for fighting fires:	<ul style="list-style-type: none"> Appropriate self-contained breathing apparatus may be required.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	<ul style="list-style-type: none"> Exclude sources of ignition and ventilate the area. Exclude non-essential personnel. Avoid inhalation of vapour. Avoid contact with eyes. Refer to protective measures listed in Section 7 & 8.
Environmental precautions:	<ul style="list-style-type: none"> Do not allow large quantities to contaminate drains, river systems and soil. If product does enter drains or sewers, contact the relevant local waterways authority (In UK contact the National Rivers Authority).
Clean up and removal:	<ul style="list-style-type: none"> Contain and collect spillages with non-combustible absorbent materials and place in a suitable container for disposal in accordance with waste regulations (see section 13).

7. HANDLING AND STORAGE

- Handling:
- Use only in areas from which all sources of heat, sparks and open flame have been excluded.
 - Avoid inhalation of vapour
 - Avoid eye contact
 - Smoking, eating and drinking should be prohibited in areas of use & storage.
- Storage:
- Below 30°C in a well ventilated place away from sources of heat, ignition and direct sunlight. Store in original containers. Avoid extremes of temperature.
 - Store separately from strong oxidising agents.
 - Containers which are opened should be properly sealed and kept upright
 - No smoking, observe the label precautions.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredient name	OES/MEL	8hr TWA
Ethanol	OES	1920 mg/m ³

- Exposure controls:
- Avoid excessive skin contact. Use water proof gloves when necessary. When handling do not eat, drink or smoke.
- Hand protection:
- When prolonged or repeated exposure of the hands occurs, blue nitrile gloves may offer adequate protection.
- Eye protection:
- Splash proof safety glasses.
- Skin protection:
- Cotton or cotton/synthetic overalls are normally suitable.
- Respiratory protection
- Air-fed respiratory equipment should be worn if the exposure of the user or others nearby cannot be controlled to below the exposure limit(s).
- Engineering measures
- Ensure all manufacturing process equipment used to manufacture bulk liquid and fill finished product should have spark proof electrics.
 - Provide adequate ventilation to maintain the flammable vapour concentration well below the lower explosive limit (LEL) and ensure the airborne concentration of substances to which an OES has been assigned is below that occupational exposure standard (OES).

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Carex Original	Pale blue viscous liquid
	Carex Sensitive	Colourless viscous liquid
	Carex Aloe Vera	Pale green viscous liquid
	Carex Hand Gel Moisture Plus	White opacified viscous liquid
	Carex Strawberry Laces	Pink viscous liquid
Odour:	All variants have characteristic alcoholic odour	
Physical state	Gel	
pH Value:	6.5 – 7.5 (neat)	
Boiling Point (°C)	Not determined. Expect 78–100 °C.	
Flash Point (°C)	22-23°C	
Flammability	LEL 3.3 (% vol in air @ 25°C) UEL 24.5 (% vol in air @ 25°C)	
Autoflammability (°C)	>360	
Explosive properties:	None	
Oxidising properties:	None	
Relative density:	0.85 - 0.90	
Viscosity:	8000 – 12000cPs @ 20°C (Brookfield DVI+, T bar, C Speed, 10 rpm)	
Solubility in water	Miscible in all proportions	

10. STABILITY AND REACTIVITY

- Product is stable with no known hazardous reactions.
- Conditions to avoid - Avoid naked flames, red hot surfaces, unprotected electrical switches/devices and other high temperature sources that may induce thermal decomposition.
- Incompatible with oxidising agents.
- Hazardous decomposition products - In fire, hazardous composition products such as smoke, carbon monoxide, carbon dioxide and oxides of nitrogen may be produced.

11. TOXICOLOGICAL INFORMATION

- At the date of creation of this MSDS, there is no data available on the product itself.
- Splashes in the eyes may cause irritation and reversible local damage.
- Exposure to organic solvent vapours may result in adverse health effects on the renal and central nervous systems. Symptoms can include headaches, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases loss of consciousness.
- Concentrations above the OES may cause headaches, nausea and vomiting.

- It is slightly toxic by ingestion, causing drowsiness, unconsciousness and intoxication/narcosis.

12. ECOLOGICAL INFORMATION

- There is no data on the product itself but none of its ingredients are known to bio-accumulate.

13. DISPOSAL CONSIDERATIONS

- Do not allow into drains or water courses or dispose of where ground or surface waters may be affected. Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with National regulations (UK - Control of Pollution Act).
- Using the information provided in this data sheet, advice should be obtained from the Waste Regulation Authority whether the special waste regulations apply.

14. TRANSPORT INFORMATION

CCCN: Unknown

UN no: UN1987

PROPER SHIPPING NAME: ALCOHOLS, N.O.S, (CONTAINS DENATURED ETHANOL)

CLASS: 3 Flammable Liquids

PACKING GROUP: II

15. REGULATORY INFORMATION

- The product has been assessed according to the EC Cosmetic Regulation No 1223/2009.

Label for supply:

Highly Flammable, F



Risk phrases:

R11 - Highly flammable

Safety phrases:

S2 - Keep away from children

S16 - Keep away from sources of ignition, no smoking

S7/9 - Keep containers tightly closed and in a well ventilated area.

Regulatory references:

The Chemicals (Hazard Information & Packaging) Regulations 1994 and CHIP 1996 amendments.

16. OTHER INFORMATION

The information and recommendations contained in this safety data sheet represent, to the best of our knowledge and belief, an accurate and reliable representation as to the known data for this preparation at the date of issue. The information is intended only as a guidance for safe handling, use, processing, storage and release and is not to be considered a warranty or quality specification. It is the responsibility of the user to evaluate this information in a prudent manner and to use it in a manner that is consistent for his/her particular purpose.