



Material Safety Data Sheet

1. Identification of the substance/preparation and company:

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Product name: **Carex Hand Sanitiser Aloe Vera**
Intended use: Hand sanitiser gel

2. Composition/Information on Hazardous Ingredients:

Ingredient Name	CAS No./EINICS	Health (class)	Risk (R No.)	Contents (%)
Ethanol	64-17-5/200-578-6	Highly flammable	R11/R21	70 - 80

3. Hazards Identification:

Eye contact: Irritating to eyes.

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 & intoxication.

4. First Aid Measures:

Eye contact: Irrigate copiously with clean, fresh water for at least 10 minutes, holding eyelids apart,
and seek medical advice if irritation persists.

Skin contact: Remove contaminated clothing, wash skin thoroughly with soap and water.

Inhalation: 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.



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Ingestion: If swallowed, seek immediate medical attention. Keep patient at rest and do not induce vomiting.

5. Fire Fighting Measures:

Extinguishing media: Alcohol resistant foam, CO₂; powder; water spray/mist.

Special fire fighting procedures: Fire exposed containers should be sprayed to lessen risk of explosion.

Unusual fire and explosion hazards: Fire will produce dense black smoke containing products which may be a health hazard. Appropriate self-contained breathing apparatus may be required. Run off from fire must not enter drains.

6. Accidental Release Measures:

Procedure for leaks and spillage:

Exclude sources of ignition and ventilate the area. Exclude non-essential personnel. Avoid breathing vapours. Refer to protective measures listed in Section 7 & 8. 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). Do not allow to enter drains or water courses. If product does enter drains or sewers, contact the local water company. In the case of contamination of water courses, contact the National Rivers Authority.

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.

No smoking, observe the label precautions.



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Store separately from strong oxidising agents. Containers which are opened should be properly sealed and kept upright.

8. Exposure controls/personal protection:

Ingredient name	OES/MEL	8hr TWA
Ethanol (particulate)	OES	10Mg/M3

Engineering measures: 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).

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).

Hand protection: When prolonged or repeated exposure of the hands occurs, blue nitrile gloves may offer adequate protection.

Eye protection: Safety spectacles or visors may be worn to protect against liquid splashes.

Skin protection: Cotton or cotton/synthetic overalls are normally suitable.

9. Physical and chemical properties:

Physical state: Gel

Appearance: Clear, colourless or pale green

Odour: Alcoholic

pH: 6 - 7

Boiling point (oC): 78 - 100

Flash point (oC): 11

Flammability: LEL 3.3 (% vol in air @ 25oC)
UEL 24.5 (% vol in air @ 25oC)

Autoflammability (oC): >360

Explosive properties: None

Oxidising properties: None

Relative density: 0.85 - 0.90



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Solubility in water: Soluble
Solubility in alcohols: Soluble

10. Stability and Reactivity

Stability: stable

Conditions to avoid: Avoid naked flames, red hot surfaces and other high temperature sources that may induce thermal decomposition.

Incompatibility: 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 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 regulations made under the 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.



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14. Transport Information:

CCCN: Unknown

UN no: 1987

IMDG: UN 1987 PG II

Class: ALCOHOL N.O.S, FLAMMABLE LIQUID N.O.S, (CONTAINS DENATURED ETHANOL)

15. Regulatory Information:

Label for supply: Highly Flammable

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 contained in this data sheet is provided in accordance with the requirements of CHIP regulations. It does not constitute the users own assessment of workplace risks as required by other health & safety legislation. The provisions of the Health & safety at Work Act & COSHH Regulations apply to the use of this product at work.

The product should not be used for purposes other than those shown in section 1 and should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with legal regulations.