

PRODUCT INFORMATION SHEET

ALCOHOL HAND SANITIZER GEL

PRODUCT INFORMATION:

Fast acting, fast drying, moisturising gel containing 70% ethanol. Effective against most bacteria, fungi & viruses. For use in hospitals, food factories, canteens, toilets & washrooms or anywhere there may be a risk of contamination or cross-infection caused by the handling of food, goods or equipment

ADVANTAGES:

CONTAINS PURE ALCOHOL:

Contains 70% Ethanol meeting all recommended standard for food safe applications. Ethanol a pure alcohol therefore it is not as harsh on skin. Ethanol also evaporates quickly & unlike Isopropanol based products is odourless once dry.

MOISTURIZING:

Contains a high volume of moisturizer to leave hands soft, clean, residue & odour free.

FAST ACTING & QUICK DRYING:

Kills bacteria rapidly & evaporates quickly

DEODORIZES:

As it quickly destroys bacteria it clears away any offensive odours

BIODEGRADABLE:

Readily biodegradable

DIRECTIONS FOR USE:

Apply a small amount to palms & spread over hands, wrists & lower forearms. May also be used after washing and drying hands to ensure complete protection

PACKAGING:

All our plastic drums are high molecular weight; high-density polyethylene designed to bring the product to the customer in perfect conditions.

Size: 500ml & 5Lt Drum.

QUALITY ASSURANCE:

This product is manufactured in Ireland to ISO 9002 quality standards & conforms to R.E.A.C.H & CLP regulations. Shelf life: Not less than 2 years.

Safety Data Sheet

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PRODUCT NAME: ALCOHOL HAND SANITIZER GEL

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING
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1.1. Product identifier

Product Name ALCOHOL HAND SANITIZER GEL
Product No. PC 210

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

Identified uses: HAND SANITIZER

1.3. Details of the supplier of the safety data sheet

Supplier Advanced Cleaning Supplies
Unit B6, 4 Business Park, Farranfore, Killarney, Co Kerry
T: 064 6638612. E: john.advancedcleaning@gmail.com
W: www.advancedcleaning.ie

1.4. Emergency Contact: National Poisons Information Centre, Beaumont Hospital,
Beaumont Road, Dublin 9. Tel: +353(01)8092566

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification: Regulation (EC) No 1272/2008: H225
Human health: Flammable
Environment: This product is Readily Biodegradable and not expected to be hazardous to the environment.

2.2. Label elements

Detergent Labelling: Contains: ETHANOL

Labelling



DANGER

Hazard Statements	H225	Highly Flammable liquid & vapour
Precautionary Statements	P210	Keep away from heat/sparks/open flames/hot surfaces – No smoking
	P233	Keep container tightly closed
	P370	In case of fire: Avoid breathing vapours
	P378	Use Foam, Dry chemicals, sand, dolomite etc. for extinction
	P303+361+353	IF ON SKIN (hair & clothing): Remove immediately all contaminated clothing.
	P403+235	Store in a well-ventilated place. Keep cool
	P501	Dispose of contents/container to in accordance with local regulations. Recover, reclaim or recycle, where possible

2.3. Other hazards N/A

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

ETHANOL	65-75%
CAS-No.: 64-17-5	EC No.: 200-578-6
Classification (EC 1272/2008) Flam. Liq. 2 - H225	

A Full Text for all Hazard Statements are Displayed in Section 16

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation:	Not relevant. Inhalation unlikely. In case of inhalation of spray mist: Move person into fresh air and keep at rest.
Ingestion:	DO NOT INDUCE VOMITING! Drink a few glasses of water or milk. Get medical attention if any discomfort continues.
Skin contact:	Not Relevant.
Eye contact:	Promptly wash eyes with plenty of water while lifting the eye lids.
Protection of first aider:	Avoid contact with eyes (see Section 8.)

4.2. Most important symptoms and effects, both acute and delayed

Inhalation:	No symptoms noted.
Ingestion:	No specific symptoms noted but may cause discomfort if swallowed
Skin contact:	No specific symptoms noted but prolonged or excessively exposure may cause skin dryness.
Eye contact:	No specific symptoms noted. But contact may lead to the product affecting the natural lubrication of the eye.

4.3. Indication of any immediate medical attention and special treatment needed

The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

SECTION 5: FIRE FIGHTING MEASURES

5.1 Suitable Extinguishing Media:	Foam. Dry chemicals, sand, dolomite etc.
5.2 Unsuitable:	N/A
5.3 Specific Hazards:	Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources.
5.4 Special Equipment for the protection of Fire Fighters:	Wear full protective clothing & breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions:	Avoid contact with eyes. Do not smoke, use open fire or other sources of ignition. (see Section 8.)
6.2 Environmental Precautions:	No special measures required
6.3 Methods for Cleaning up:	Small Spills - Flush with water. Large Spills - Contain and collect spillage and absorb on to sand.

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SECTION 7: HANDLING AND STORAGE

7.1 Handling

Technical Measures: No special measures required.
Safe Handling Advice: Avoid contact with eyes. Keep away from heat, naked flames, sparks & sources of ignition. Comply with instructions for use.

7.2 Storage

Technical Measures: No special measures required.
Storage Conditions: Store in a cool dry place away from sources of heat or ignition
Incompatible Products: None known.
Packaging: Plastic Drums.
Packaging Materials: Recommended: Plastic Materials, Polyethylene, Polypropylene. Not Suitable - Uncoated Metal Drums.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Engineering Measures: No special measures required.
8.2 Personal Protection Equipment:
Respiratory Protection: Provide adequate ventilation in areas of confined space.
Hand Protection: No protection necessary.
Eye Protection: No protection necessary
Skin Protection: No protection necessary
8.3 Hygiene Measures: Handle in accordance with good industrial hygiene and safety practices.
8.4 Occupational Exposure Limits:

Name	STD	Occupational Exposure Limit Value (8-hour reference period)		Occupational Exposure Limit Value (15-minute reference period)		Notes
ETHANOL	OELV	1000ppm	-	-	-	

OELV = Occupational Exposure Limit Value.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- | | | |
|----|---|-------------------------------|
| a) | Appearance: | Clear Liquid. |
| b) | Odour: | Alcohol |
| c) | Odour threshold: | N/A |
| d) | pH: | 7+/-0.5 (undiluted) |
| e) | Melting point / freezing point: | -5°C |
| f) | Initial boiling point & boiling range: | 80°C |
| g) | Flash point: | 10 - 15°C. (Abel closed cup). |
| h) | Evaporation rate: | No data available |
| i) | Flammability solid, gas: | No data available |
| j) | Upper/lower flammability or explosive limits: | No data available |
| k) | Vapour pressure: | No data available |
| l) | Vapour density: | 5.81 KPa @ 20° C |
| m) | Relative density: | 0.91kg/dm3 |
| n) | Solubility(ies): | Soluble in Water |
| o) | Partition coefficient: n-octanol/water: | No data available |
| p) | Auto-ignition temperature: | No data available |
| q) | Decomposition temperature: | No data available |
| r) | Viscosity: | No data available |
| s) | Explosive properties: | No data available |
| t) | Oxidizing properties: | No data available |

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SECTION 10: STABILITY AND REACTIVITY

<u>10.1. Reactivity:</u>	There are no known reactivity hazards associated with this product.
<u>10.2. Chemical stability:</u>	Stable under normal temperature conditions and recommended use.
<u>10.3. Possibility of hazardous reactions:</u>	Hazardous Polymerisation N/A
<u>10.4. Conditions to avoid:</u>	Avoid heat, flames and other sources of ignition.
<u>10.5. Incompatible materials:</u>	None known.
<u>10.6. Hazardous decomposition products:</u>	None under normal conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects:

Inhalation:	No symptoms noted.
Ingestion:	No specific symptoms noted but may cause discomfort if swallowed
Skin contact:	No specific symptoms noted but prolonged or excessively exposure may cause skin dryness.
Eye contact:	No specific symptoms noted. But contact may lead to the product affecting the natural lubrication of the eye.

11.2. Toxicological information on ingredients:

ETHANOL (CAS-No.: 64-17-5)

Acute toxicity:

Acute Toxicity (Oral LD50)

> 2000 mg/kg Rat

REACH dossier information

Acute Toxicity (Dermal LD50)

> 2000 mg/kg Rabbit

REACH dossier information

Acute Toxicity (Inhalation LC50)

> 20 mg/l (vapours) Mouse

REACH dossier information

Skin Corrosion/Irritation: Not irritating.

Serious eye damage/irritation: Slightly Irritating.

SECTION 12: ECOLOGICAL INFORMATION

Eco-toxicity

Dangerous for the environment if discharged into watercourses. The product is easily biodegradable.

12.1. Toxicity

Ecological information on ingredients:

ETHANOL (CAS: 64-17-5)

Ecotoxicity

The product components are not classified as environmentally hazardous. However, this does not exclude

the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

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12.2. Persistence and degradability

Degradability: The surfactant(s) contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3. Bioaccumulative potential

No data available on bioaccumulation.

12.5. Results of PBT and vPvB assessment

Not determined.

12.6. Other adverse effects

Not determined.

SECTION 13: DISPOSAL CONSIDERATIONS

General information: Small amounts (less than 5 Litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal to licensed waste disposal site in accordance with local Waste Disposal Authority. Consign empty container to normal waste.

13.1. Waste treatment methods

Dispose of waste in accordance with local regulations. Recover, reclaim or recycle, where possible.

SECTION 14: TRANSPORT INFORMATION

REGULATIONS

RID/ADR:

ICAO/IATA-DGR:

GGVSee/IMDG-Code:

CLASS

3: Flammable liquids.

Not Classified

3

14.1. UN number

1987

14.2. UN proper shipping name

ALCOHOLS, N.O.S.

14.3. Transport hazard class(es)

30 Flammable liquid (flash-point between 23°C and 61°C, inclusive) or flammable liquid or solid in the molten state with a flash-point above 61°C, heated to a temperature equal to or above its flash-point, or self-heating liquid.

14.4. Packing Group

III

14.5. Environmental Hazards

Environmentally Hazardous Substance/Marine Pollutant: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

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SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Statutory Instruments

Corresponding to Preparations Regulations S.I. No. 62 of 2004

Approved Code Of Practice

Classification and Labelling of Substances and Preparations Dangerous for Supply.

Guidance Notes

Workplace Exposure Limits EH40.

EU Legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Revision Comments

Re-issued according to Regulation (EU) No 453/2010.

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Hazard Statements In Full

H226 Flammable liquid and vapour

The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should therefore not be construed as guaranteeing specific properties.