

ANTIBACTERIAL HAND SANITISER

FEATURES & APPLICATIONS

Unico Antibacterial Hand Sanitiser is a no-rinse hand cleanser. It is effective against MRSA, E Coli, Enterococcus Hirae and Pseudomonas Aeruginosa according to EN12054. It will inactivate Influenza A Virus H1N1 (Swine) undiluted in 15 seconds. It will help to prevent the spread of seasonal influenza.

- It evaporates from the skin during use.
- It is fragrance free, and therefore non-tainting to surfaces.
- It can be conveniently used in areas with no running water supply.
- It contains an emollient, to leave the skin moisturised and supple.

Hand Sanitiser is recommended for use by personnel working in areas where food is prepared, served or stored or other areas where hygiene is of paramount importance.

APPLICATION DETAILS

Task	Maximum Dilution	How To Use
Sanitising hands	Use undiluted	1) If hands are visibly dirty, wash thoroughly with soap and water. 2) Apply product generously from pump – no water required. Rub into hands until product has evaporated, ensuring that the entire hand surface has been covered.

PRODUCT AND PACKAGING INFORMATION

Appearance & Odour:	Clear, water-white, viscous liquid with alcoholic odour.
Chemical Description:	An aqueous solution of ethanol, emollient and thickener.
Packaging:	6 x 500 ml with pump 48 x 100ml bottle, 5 litre re-fill.
Shelf Life:	3 years.

ENVIRONMENTAL INFORMATION

General Information: This product should have little ecological impact.

Environmental Checklist:

Biodegradable detergents:	NA	CFC free:	Yes	Solvent free:	No
Phosphate free:	Yes	Acid/alkali free:	Yes	Free of dyes/perfumes:	Yes
Recyclable packaging:	Yes	Biodegradable Container	No	Biodegradable outer box:	Yes

FURTHER INFORMATION AVAILABLE ON REQUEST

PRODUCT SAFE HANDLING SHEET **UNICO**

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Commercial Name Intended/Recommended use	Antibacterial Hand Sanitiser Alcohol based handrub.	Supplier Address	Unico Ltd North Main Street, Carronshore, Falkirk FK2 8HT 01324 573400 01324 573401
Issue Date Issue Number	July '10 3	Telephone Fax	

2. HAZARDS IDENTIFICATION

Main Hazard Highly Flammable.

3. COMPOSITION OF PRODUCT AND INFORMATION ON INGREDIENTS

<u>NAME</u>	<u>RANGE</u>	<u>EINECS</u>	<u>CAS No</u>	<u>CLASSIFICATION</u>
Alcohol Denat.	60 – 70 %	200-578-6	64-17-5	F, R11
Water (Aqua)	> 10 %	231-791-2	7732-18-5	None
Glycerin (Glycerine)	1-10%	200-289-5	56-81-5	None
Acrylates/C10-30 Alkyl Acrylate Crosspolymer	0.1-1%	212-222-7	770-35-4	R36

4. FIRST AID MEASURES

Ingestion	Unlikely to occur when used as directed. Rinse mouth thoroughly. Do not induce vomiting. Act immediately to prevent further irritation of mouth, throat and stomach mucosa. Seek medical advice immediately.
Inhalation	Unlikely to occur when used as directed. If irritation is experienced go in open air and ventilate area. Mouth and throat may be rinsed with water. If irritation or asthma-like symptoms persist seek medical advice.
Eye Contact	Unlikely to occur when used as directed. Check for and remove contact lenses. Rinse thoroughly with plenty of water for several minutes. Seek medical advice.
Skin Contact	Unlikely to occur when used as directed.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media Fumes may contain poisonous CO₂. Use appropriate extinguishing media i.e. carbon dioxide, foam powder. Fire fighters should wear self-contained breathing apparatus. Eye protection may be required.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Ventilate area. Wear eyeshields and protective clothing with safety shoes/boots.
Environmental Precautions	Avoid spillage into surface water or vegetation.
Cleanup Methods	Immediately mop up or absorb onto dry sand or similar inert material and dispose of safely as commercial waste.

7. HANDLING AND STORAGE

Handling	Take care when dispensing product from container and assure adequate ventilation. Avoid contact with eyes and constant contact with skin. Do not mix with any other chemicals.
Storage	Store upright in original containers in a cool dry area, out of the reach of children, away from sources of heat or ignition.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection	Personal protection is not normally required unless a risk assessment indicates the need for it. In which case wear a facemask with a suitable filter.
Skin Protection	Personal protection is not normally required unless a risk assessment indicates the need for it. In which case wear protective clothing and safety shoes/boots.
Eye Protection	Personal protection is not normally required unless a risk assessment indicates the need for it. In which case wear eyeshields.
Hand Protection	For prolonged contact or sensitive skin the use of pvc or rubber gloves is recommended.

PRODUCT SAFE HANDLING SHEET UNICO

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear Liquid	Flash Point (ACC)	15 – 25C
Odour	Alcohol	Viscosity (20C)	Approx.4000 cp
pH	7.5 typically	Water Solubility	Soluble

10. STABILITY AND REACTIVITY

Conditions to avoid	Extreme heat or cold. Sources of ignition.
Materials to avoid	Do not mix with other products.
Hazardous decomposition products	Oxides of carbon.

11. TOXICOLOGICAL INFORMATION

Swallowing	Internal irritation likely, may cause vomiting. If large quantities are ingested treat symptomatically. Do not induce vomiting.
Inhalation	Prolonged exposure may cause respiratory irritation, dizziness and headaches.
Skin Contact	Unlikely to occur when used as directed.
Eye Contact	Irritation likely.

12. ECOLOGICAL INFORMATION

Bioaccumulation Potential	When used for its intended purpose this product should not cause adverse effects in the environment.
Aquatic Toxicity	Likely to be low.

13. DISPOSAL CONSIDERATIONS

Contact a reputable waste-disposal company. National or Regional legislation may cover this product's disposal.

14. TRANSPORT

Hazard: Flammable Liquid. **UN Number :** 1170 **ADR Class :** 3 **Packing Group :** II
Proper Shipping Name : Ethanol Solution.

15. REGULATORY INFORMATION

Symbol	F	Hazard	Highly Flammable.
Named Ingreds	Ethanol	Risk Phrases	R11
Safety Phrases	Take precautionary measures against static discharges. Keep well away from sources of Ignition- no smoking. Keep container closed and in a well ventilated place. Avoid contact with eyes. Keep out of reach of children.		

16. OTHER INFORMATION

This product does not require any special training before use. Usage and handling instructions are mentioned on packaging and on this Material Safety Data Sheet. This health and safety information refers to the concentrated product. Diluted solutions can be considered to be significantly less hazardous although they should always be handled with care.

Description of Risk Phrases (Ingredients only)

R11, Highly Flammable. R36/38 Irritating to eyes and skin. R52, Harmful to aquatic organisms.

R53, May cause long term adverse effects in the aquatic environment.