



SAFETY DATA SHEET

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ANTI BACTERIAL HAND & Hard Surface Sanitising Spray & Wipes

Revision 1
Revision date 20-Apr-2009

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name ANTI BACTERIAL HAND & Hard Surface Sanitising Spray & Wipes
Company Superfine Manufacturing Ltd
Orchardbank Industrial Estate
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Product code QAFS665

2 HAZARDS IDENTIFICATION.

Main hazards Highly flammable.

3 . COMPOSITION / INFORMATION ON INGREDIENTS.

Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
Ethyl alcohol (Ethanol)	60-70%	64-17-5	200-578-6	F; R11
Glycerol (Glycerol, mist)	0.5-1%	56-81-5		
Chlorhexadine Gluconate 20% Solution	0.5-1%			Xi;R36 N;R51/53
Cetrimonium Chloride Solution	0-0.5%			Xn; R22 Xi; R36/37/38

Product Description & Uses A carefully formulated alcohol hand sanitising spray and wipe especially useful when there is no water or washing facilities available also suitable for routine sanitising of hard surfaces i.e. toilet seats, work surfaces, keyboards etc.

Product Shelf Life RECOMMENDED SHELF LIFE 1 YEAR FROM DATE OF DELIVERY.

4. FIRST AID MEASURES

Skin contact Seek medical attention if irritation or symptoms persist. Wash with water.
Eye contact Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Contact lenses should be removed. Seek medical attention if irritation or symptoms persist.
Inhalation Move the exposed person to fresh air. Seek medical attention. Inhalation may cause nausea and vomiting. May cause dizziness and headache.
Ingestion DO NOT INDUCE VOMITING. Seek medical attention. Drink 1 to 2 glasses of water. Product contains denatured Ethyl Alcohol DEB.
General information If you feel unwell, seek medical advice (show the label where possible).

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5. FIRE FIGHTING MEASURES

Extinguishing media	Use extinguishing media appropriate to the surrounding fire conditions. Alcohol resistant foam. Water spray. Do NOT use ... Do NOT use water jet.
Fire hazards	Burning produces irritating, toxic and obnoxious fumes.
Protective equipment	Wear: Self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Ensure adequate ventilation of the working area. Eliminate all sources of ignition.
Environmental precautions	Do not allow product to enter drains.
Clean up methods	Clean spillage area thoroughly with plenty of water. Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal.

7. HANDLING AND STORAGE

Handling	Use in a well ventilated area. Keep away from sources of ignition - No smoking. Vapours are heavier than air. R18 - In use, may form flammable/explosive vapour-air mixture.
Storage	Keep out of the reach of children. Keep containers tightly closed. Store in original container.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

Ethyl alcohol (Ethanol)	WEL 8-hr limit ppm: 1000 WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: 1920 WEL 15 min limit mg/m3: -
Glycerol (Glycerol, mist)	WEL 8-hr limit ppm: - WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: 10 WEL 15 min limit mg/m3: -

Engineering measures	Ensure adequate ventilation of the working area.
Respiratory protection	Not normally required.
Hand protection	Chemical resistant gloves (PVC)
Eye protection	Avoid contact with eyes. In case of splashing, wear: Safety glasses. Provide eye wash station.
Protective equipment	Adopt best Manual Handling considerations when handling, carrying and dispensing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description	Liquid.
Colour	Clear.
Odour	Alcoholic.
pH	6.5 to 7.9
Flash point	20°C
Flammability limits	R11 Highly Flammable
Viscosity	Kinematic Viscosity in 10 ⁻⁶ m ² /s at 40°C (ISO 3219)

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Conditions to avoid	Heat, sparks and open flames.
Materials to avoid	Strong oxidising agents. Strong acids.
Hazardous decomposition products	Carbon oxides.

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11. TOXICOLOGICAL INFORMATION

Corrosivity	May cause irritation to eyes.
Repeated or prolonged exposure	Prolonged or repeated exposure may cause irritation to skin and mucous membranes. Prolonged contact may cause defatting of the skin.
Mutagenic effects	No mutagenic effects reported.

12. ECOLOGICAL INFORMATION

Ecotoxicity	No data is available on this product.
Degradability	Readily biodegradable. Evaporates readily.
Bioaccumulation	Does not bioaccumulate.
Further information	No known adverse environmental effects.

13. DISPOSAL CONSIDERATIONS

General information	Dispose of in compliance with all local and national regulations. Can be incinerated if in compliance with local and national regulations.
Disposal of packaging	Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations.

14. TRANSPORT INFORMATION

ADR/RID

UN 1170	Packing group III
Class 3	Hazard ID 30
Proper Shipping Name	ETHYL ALCOHOL SOLUTION .

IMDG

UN 1170	Packing group III
Class 3	Marine pollutant NO
EmS Code F-E S-D	

IATA

UN 1170	Packing group III
Class 3	Subsidiary risk -
Packing Instruction 310 (Cargo)	Maximum quantity 220 L
Packing Instruction 309 (Passenger)	Maximum quantity 60 L

15. REGULATORY INFORMATION

Labelling	The product is classified in accordance with 67/548/EEC.
Symbols	F - Highly flammable 
Risk phrases	R11 - Highly flammable.
Safety phrases	S16 - Keep away from sources of ignition - No smoking.

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16. OTHER INFORMATION

Text of risk phrases in Section 3.

R11 - Highly flammable.
R22 - Harmful if swallowed.
R36 - Irritating to eyes.
R36/37/38 - Irritating to eyes, respiratory system and skin.
R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.