


## HandiSan

1. IDENTIFICATION OF SUBSTANCE, PREPARATION AND COMPANY			
Product Name	HandiSan.		
Address / Phone Number	462 Cleveland Street Birkenhead Wirral CH41 8EQ      Tel: 0151-652 4877      Fax: 0151-652-3800 <a href="mailto:info@delf-uk.com">info@delf-uk.com</a>		
Emergency Phone Number	IN AN EMERGENCY DIAL LOCAL EMERGENCY SERVICES		
2. COMPOSITION / INFORMATION			
Product Description	Alcohol-based handrub. 70% Alcohol content with skin conditioners and moisturisers.		
Alternative Names	Alco70 Gel.		
Hazardous Ingredient(s)	Ethanol.		
3. HAZARDS IDENTIFICATION			
Most Important Hazard	Highly flammable.		
4. FIRST AID MEASURES			
Inhalation	Fumes or vapour may cause irritation, nausea or drowsiness.		
Skin Contact	Not applicable.		
Eye Contact	There may be irritation and redness.		
Ingestion	Inhalation of fumes from the stomach may cause symptoms similar to direct inhalation.		
5. FIRE FIGHTING MEASURES			
<i>Flammable</i>			
Extinguishing Media	Carbon dioxide. Alcohol resistant foam. Dry chemical powder. Do not use water.		
Fire Fighting Protective Equipment.	Wear self-contained breathing apparatus.		
6. ACCIDENTAL RELEASE MEASURES			
Personal Precautions	See exposure controls / personal protection (section 8).		
Spillages	Where possible, transfer to a container for reuse or disposal (see Disposal Considerations – Section 13). Contain and absorb using earth, sand or other inert material. Flush area to drain with plenty of water. In the event of spillage mop up milk and dilute remainder to foul drain with water. Treat large spillages as industrial waste.		
Environmental Precautions	Do not allow to contaminate vegetation, drains or water courses. Spillages or uncontrolled discharges into watercourses, drains or sewers must be reported immediately to the Environment Agency, local water company or other appropriate regulatory bodies.		
7. HANDLING AND STORAGE			
Handling	Do not mix with any material other than water.		
Storage	Must only be kept in original packaging. Store in a cool dry area. Protect from extremes of temperature. Keep away from sources of ignition.		
8. EXPOSURE CONTROL/PERSONAL PROTECTION			
Personal Protective Equipment	Not applicable.		
Occupational Exposure Limits	Product	Long Term Exposure Limit (8 hr TWA)	Short Term Exposure Limit (15 Min)
	n/a		
9. CHEMICAL AND PHYSICAL PROPERTIES			
Appearance	Clear viscous liquid	Flash Point (°C)	21
Odour	Mild alcohol	pH	7.5-8.5
Solubility	Soluble in water		

<b>10. STABILITY AND REACTIVITY</b>	
<b>Stability</b>	Stable under normal conditions, and correctly stored.
<b>Known Hazardous Reactions</b>	None known.
<b>Conditions to avoid</b>	Sources of ignition. Avoid extremes of temperature.
<b>Hazardous Decomposition Product(s)</b>	Combustion will generate oxides of carbon.
<b>11. TOXICOLOGICAL INFORMATION</b>	
<b>Inhalation</b>	Excessive exposure may cause drowsiness or dizziness.
<b>Eye contact</b>	May cause irritation.
<b>Ingestion</b>	May cause nausea, irritation to the digestive tract may occur.
<b>12. ECOLOGICAL INFORMATION</b>	
<b>Persistence and Degradation</b>	This product is expected to be readily biodegradable
<b>Toxicity</b>	Not expected to be significantly hazardous in the aquatic environment.
<b>Effect on Effluent Treatment</b>	Not known.
<b>13. DISPOSAL CONSIDERATIONS</b>	
<b>Waste</b>	Large quantities may only be disposed in accordance with Local Authority regulations.
<b>14. TRANSPORT INFORMATION</b>	
<b>UN Transport Name</b>	Alcohols, N.O.S.
<b>UN No.</b>	1987
<b>UN Primary Class</b>	3
<b>UN Packaging Group</b>	III
<b>Transport Hazard Symbol</b>	Flammable Liquid.
<b>Packaging</b>	Plastic containers.
<b>Normal Carriage Temperature</b>	Ambient.
<b>15. REGULATORY INFORMATION</b>	
<b>Hazard Symbols</b>	Highly flammable. 
<b>Risk Phrases</b>	R11: Highly Flammable.
<b>Safety Phrases</b>	S25: Avoid contact with eyes. S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S46: If swallowed, seek medical advice immediately and show the container or label.
<b>16. OTHER INFORMATION</b>	
<b>2002</b>	Control of Substances Hazardous to Health Regulations.
<b>2004</b>	Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations.
<b>2002</b>	Chemical (Hazard Information and Packaging for supply) Regulations.
<b>2001</b>	EH40 Occupational Exposure Limits.

<b>Legal Disclaimer</b>	The above information is based on the present state of our knowledge of the product at the time of publication. It is given in good faith. For further details see W M Delf Ltd. conditions of sale (additional copies of this are available on request).
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