

1. PRODUCT SUPPLIER

Excalibur Hygiene Limited
 Unit 42 Enterprise Trading Estate
 Pedmore Road, Brierley Hill
 West Midlands DY5 1TX, United Kingdom
 Tel: +44 (0)1384 671505. Fax: +44 (0)1384 671256
 Email: help@excalibur-hygiene.co.uk



1.1 EMERGENCY TELEPHONE NO.

SAFETY DATA SHEET

REVISION No.	DATE
1.1	15 December 2017

1.2 PRODUCT IDENTIFIER X-GEL-70 (Provisional Information)	1.3. APPLICATION 70% ALCOHOL-BASED HAND SANITIZER
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2. HAZARDS IDENTIFICATION	
Classification 1999/45/EC	R10
Main Hazards	Flammable
Other Hazards	The product is classified as non-hazardous.


3. COMPOSITION / INFORMATION ON INGREDIENTS						
Hazardous Ingredients	Index No.	EINECS No.	CAS No.	Conc. (%w/w)	Classification	Workplace Exposure Limit
Ethanolamine	603-030-00-8	205-483-3	141-43-5	0 - 0.5%	Xn; R20/21/22 C; R34	8hr 1ppm, 15 min 3 ppm
Ethanol	603-002-00-5	200-578-6	64-17-5	50 - 70%	F; R11	8hr 1000ppm 15 min -
Isopropanol (Propan-2-ol)	603-117-00-0	200-661-7	67-63-0	1 - 10%	F; R11 Xi; R36 R67	8hr 400 ppm 15 min 500 ppm
Glycerol (Glycerol, mist)			56-81-5	0 - 0.5%		

4. FIRST AID MEASURES		11. TOXICOLOGICAL INFORMATION	
Eyes	May cause irritation to eyes. Rinse at once with water for 15 minutes holding eyelids open. Seek med att'n if persists.	Eyes	Irritating to eyes
Skin	No irritation expected.	Skin	No irritation expected
Ingestion	May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek med att'n if symptoms persist.	Ingestion	There may be soreness and redness of the throat
Inhalation	-	Inhalation	No ill-effects identified.

5. FIREFIGHTING MEASURES		12. ECOLOGICAL INFORMATION	
Extinguishing media	Water fog or spray. No jets. Use water spray to cool containers	Considered to have no specific adverse effect on the environment, nor to aquatic species in small volumes. Prevent entry into drains in large volumes.	
Exposure hazards	Burning produces irritating, toxic and obnoxious Fumes.		
Advice for firefighters	Wear suitable respiratory equipment when Necessary.		

6. ACCIDENTAL RELEASE MEASURES		13. DISPOSAL CONSIDERATIONS	
Personal Precautions	Ensure adequate ventilation of the working area.	Dispose of in accordance with all local and national regulations.	
Environmental	Do not allow product to enter drains. Absorb with inert absorbent material & sweep up.		
Cleaning-Up Procedure	Transfer to labelled containers for disposal. Clean spillage area with plenty of water.		

7. HANDLING & STORAGE				14. TRANSPORT INFORMATION			
Handling Requirements		Adopt best manual handling considerations when handling, carrying and dispensing.		UN Number	UN1170	UN Shipping Name	Ethyl Alcohol Sol'n
Storage Conditions		Keep in a cool, dry, well-ventilated area. Keep Correctly labelled containers tightly closed		ADR/RID Class	3	ADR/RID Hazard ID	30
8. EXPOSURE CONTROLS / PERSONAL PROTECTION				IMDG Class	3	IMDG EmS Code	F-E S-D
Controls	Ensure adequate ventilation.	Hands	No precautions	IATA Class	3	IATA Packing Instr Cargo / Max qty	366 / 220 L
Eyes / Face	Approved safety goggles if splashing	Clothing	No precautions	Packing Group	III	IATA Packing Instr Passenger / Max qty	355 / 60 L
Skin	No precautions	Other	No precautions	Further Info	Flammable.		

9. PHYSICAL AND CHEMICAL PROPERTIES				15. REGULATORY INFORMATION			
State	Gel	Colour	Colourless	Labelling:	R10 Flammable		
Odour	Alcohol	PH	7.0 +/- 0.5		 FLAMMABLE		
Flash Point	28.5 deg C	Relative Density	0.9				
Solubility in Water	Slightly soluble						
				The product is not classified as dangerous.			

10. STABILITY AND REACTIVITY				16. OTHER INFORMATION			
Chemical Stability		Stable under normal conditions		As the application of products is outside our control, the information is given without legal responsibility. Customers should test under their own conditions to ensure the products are suitable for their own requirements. The information supplied in this MSDS is offered only as a guide to safe use, Storage and handling, and is correct to the best of our knowledge and belief.			
Conditions to Avoid							
Materials to Avoid							
Haz. Decomposition Prods		Burning produces irritating, toxic and obnoxious Fumes.					