



COSHH HEALTH & SAFETY DATA

Revision number: 2.0

Date: 17th July 2011

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1. PRODUCT NAME				APPLICATION			
BIO-RUB (Internal Name: BIORUB70)				ALCOHOL HAND RUB SANITISER			
2. CHEMICAL COMPOSITION INFORMATION							
A blend of isopropanol (denatured alcohol 63-70%), glycerine (C10-C30), carbomer, chloroxyleneol and water.							
HAZARDOUS INGREDIENTS	CAS No.	EINECS	%w/w. RANGE	WEL		NATURE OF HAZARD/CLASSIFICATION	
Isopropanol	67-63-0	200-661-7	60-100%	1000ppm	1920ppm	Highly Flammable / Xi;R36. F;R11. R67.	
3. HAZARD IDENTIFICATION							
Highly flammable. Prolonged exposure to vapours may cause drowsiness and dizziness. Irritating to eyes. CLASSIFICATION: Xi;R36. F;R11. R67.							
4. FIRST AID MEASURES				11. TOXICOLOGICAL INFORMATION - ACUTE EFFECTS			
EYES	Remove any contact lenses. Irrigate copiously with clean water for at least 15 minutes. Seek medical advice. Do not rub eye(s).			EYES	Moderate irritation.		
SKIN	No irritation or reaction expected. If irritation realised then rinse off with water.			SKIN	Formulated for use on skin.		
INGESTION	Do not induce vomiting. Wash out mouth with water. Give milk or water to drink. Seek medical attention.			INGESTION	May cause upset stomach, nausea (abnormal entry route).		
INHALATION	Exposure to vapours may cause drowsiness and dizziness. Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.			INHALATION	No ill effects identified.		
5. FIRE FIGHTING MEASURES				12. ECOLOGICAL INFORMATION			
EXTINGUISHING MEDIA	Foam, Carbon Dioxide or Dry Powder.			Not regarded as dangerous to the environment. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body. Large spillages, pick up with vacuum or absorbent solid, store in closed container for disposal by approved waste contractor.			
FIRE & EXPLOSION	Product may explode in a fire.						
PROTECTIVE MEASURES	Keep containers cool by use of water.						
6. ACCIDENTAL RELEASE MEASURES				13. DISPOSAL CONSIDERATIONS			
SMALL - Wipe up small spillages with a rag or rinse with clean water. LARGE - Contain large spillages with sand or clay granules and collect in suitable containers for disposal. Will cause surfaces to be slippery.				Dispose of in accordance with local regulations through approved waste contractor. Small quantities (less than 5 litres) may be flushed to drains/sewers with plenty of water. Consign empty container to normal waste.			
7. HANDLING, STORAGE AND OTHER INFORMATION				14. TRANSPORT INFORMATION			
Keep out of the reach of children. Keep in tightly closed, labelled containers. Store at ambient temperature below 35 deg.C, away from sources of ignition. No smoking. RISK PHRASES: R36: Irritating to eyes. R11: Highly Flammable. R67: Vapours may cause drowsiness and dizziness. Workplace Exposure Limits EH40. As amended in 2005. Approved guide to the Classification and Labelling of Substances and Preparations Dangerous for Supply. L100				U.N. No.	1219	IMDG PAGE No	See below
				IMDG CLASS	See below	PACK'G GROUP	II
				TREM CARD	—	EMS	—
				IATA CLASS	—	ADR/RID	See below
8. PERSONAL PROTECTION				15. REGULATORY INFORMATION			
GOGGLES	If splashes likely	APRONS	Not required	 Highly Flammable	Keep away from sources of ignition - No smoking. Keep out of reach of children. Keep container tightly closed.		
GLOVES	Not required	RESPIRATORS	Not required				
OVERALLS	Not required	BARRIER CREAM	Not required				
9. PHYSICAL AND CHEMICAL PROPERTIES				 PROPER SHIPPING NAME: ISOPROPANOL 70% SOLUTION UN Number. ROAD / AIR / SEA: 1219 MARINE POLLUTANT: No. ADR / IMDG / RID / AIR CLASS: Class 3: Flammable Liquids ADR / IMDG / RID / AIR GROUP: II			
APPEARANCE	Clear gel / liquid						
ODOUR	Sweet, alcohol odour						
pH	5.5 ± 1.0						
RELATIVE DENSITY (SG)	0.875 @ 20 deg.C						
FLASH POINT	19 P/M Pensky-Martens						
BOILING POINT	85 - 90 deg.C						
SOLUBILITY IN WATER	Soluble						
10. STABILITY AND REACTIVITY				16. FURTHER INFORMATION			
Stable. Avoid naked flames, red hot surfaces and other high temperature sources that may induce thermal decomposition. Avoid contact with strong acids. Store at ambient temperature below 35 deg. C Decomposition products are carbon monoxide, and/or carbon dioxide.				Information contained herein is provided in accordance with CHIP-2 Regulations. The product should not be used for purposes other than those shown in section 1. As conditions of use of the product are outside our control, the user is responsible for ensuring requirements of relevant safety precautions and legislation. UK REGULATORY REFERENCES Cosmetic Products (Safety) Regulations 1996(c).			