



Jangro Limited  
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Farnworth  
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Tel. 0845 458 5223

**JANGRO BK140**  
June 2008

## PRODUCT SAFETY DATA SHEET

### 1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Product Name: JANGRO ALCOHOL GEL HAND RUB WITH MOISTURISER  
Applications: Hand Sanitiser  
Supplier: Jangro Limited, as above

Emergency Contact and Times:  
01772 318 818 Between: 8.30am and 4.45pm

### 2 INFORMATION ON INGREDIENTS

Ingredient Name	EC No.	CAS No.	Content	Classification
Propan-2-OL	200-661-7	67-63-0	60-100%	F,R11 Xi;R34 R67

The full text for all R-phrases are shown in section 16.

### 3 HAZARDS IDENTIFICATION

CLASSIFICATION: Xi;R36,R11, R67

### 4 FIRST AID MEASURES

Eye Contact: Promptly wash eyes with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

Skin Contact: Rinse with water.

Ingestion: DO NOT INDUCE VOMITING! Drink a few glasses of water or milk. Get medical attention.

Inhalation: Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

### 5 FIRE FIGHTING MEASURES

Extinguishing Media: Use foam, carbon dioxide or dry powder.

Specific Hazards: May explode in fire.

Protective Measures in Fire: Keep containers cool by spraying with water to reduce explosion risks. Protective clothing and respiratory protection should be worn when tackling fires involving this product.

### 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions: Immediately extinguish any sources of ignition. Avoid contact with eyes. Avoid inhaling vapour.

Environmental Precautions: Large spillages or uncontrolled discharges into rivers or streams must be reported to The Environment Agency or other regulatory body.

Spillage Cleanup Methods: Small quantities may be flushed to drains with plenty of water. Large Spillages Absorb in vermiculite, dry sand or earth and place into containers. Send for disposal as special waste.

## 7 HANDLING AND STORAGE

Usage Precautions: Avoid contact with eyes. Avoid inhalation of vapours. Eliminate all sources of ignition.  
Storage Precautions: Keep away from heat, sparks and open flame.

## 8 PERSONAL PROTECTION/EXPOSURE CONTROLS

Name	Std	LT - ppm	LT - mg/m <sup>3</sup>	ST - ppm	ST - mg/m <sup>3</sup>
Propan-2-OL	WEL	400 ppm	999 mg/m <sup>3</sup>	500 ppm	1250 mg/m <sup>3</sup>

INGREDIENT COMMENTS: WEL = Workplace Exposure Limits

Engineering Measures: All handling to take place in a well ventilated area.  
Respiratory Equipment: None required.  
Hand Protection: None required  
Eye Protection: None required if care is taken not to splash in eyes when pouring.  
Other Protection: None required

## 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance/ Colour: Liquid. Clear colourless.  
Odour: Odour of alcohol  
Solubility Description: Soluble in water  
Boiling Pt. (°C): 85-90  
Flash Pt. (°C): 19 P/M Pensky-Martens  
Melting Point: (°C): <-10  
pH-Value, Conc: 5.5  
Relative Density: 0.0860 @ 20°C

## 10 STABILITY AND REACTIVITY

Stability: No particular stability concerns.  
Conditions to Avoid: Avoid heat, flames and other sources of ignition.  
Materials to Avoid: None.

## 11 TOXICOLOGICAL INFORMATION

Toxicological Information: Refer to section 3  
Other Health Effects: Low oral toxicity, but ingestion may cause irritation of the gastro-intestinal tract.

## 12 ECOLOGICAL INFORMATION

Ecotoxicity: Not regarded as dangerous for the environment.  
Bio Accumulation: Completely soluble. No bioaccumulation.  
Degradability: This product, at use dilutions, is readily broken down in biological effluent treatment plants.

## 13 DISPOSAL CONSIDERATIONS

Disposal Method: Small amounts (less than 5 litres) of unwanted product may be flushed with water to sewer. Large volumes must be sent for disposal by approved waste contractor. Consign empty container to normal waste.

14 TRANSPORT INFORMATION



PROPER SHIPPING NAME: ISLPROPANOL 70% SOLUTION  
UN No. ROAD: 1219  
ADR PACK GROUP: II  
RID PACK GROUP IMDG CLASS: II  
IMDG CLASS: Class 3: Flammable Liquids.  
MARINE POLLUTANT AIR CLASS: Class 3: Flammable Liquids.  
ADR CLASS: Class 3: Flammable Liquids.  
RID CLASS NO: Class 3: Flammable Liquids.  
UN NO SEA IMDG PACK GR: II  
UN NO. AIR: 1219  
AIR PACK GR: I

15 REGULATORY INFORMATION

Label for Supply:



IRRITANT



HIGHLY FLAMMABLE

Risk Phrases: R-11 Highly flammable  
R-36 Irritation to eyes  
R-67 Vapours may cause drowsiness

Safety Phrases: S-2 Keep out of reach of children.  
S-16 Keep away from sources of ignition – no smoking.  
S-25 Avoid contact with eyes.  
S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice  
S-46 If swallowed seek medical advice immediately and show this container or label.  
S3/7 Keep container tightly closed in a cool place.

Environmental Listings: Hazardous Waste (England and Wales) Regulations  
EU Directives: Systems of specific information relating to Dangerous Preparation. 2001/58/EEC.  
As amended by Directive 93/112/EC and 2001/58/EC

Statutory Instruments: This is a cosmetic product, therefore the Chemicals (Hazard Information & Packaging) Regulations do not apply.

Approved Code of Practice: The compilation of safety data sheets L130  
Guidance Notes: Workplace Exposure Limits EH40. As amended in 2005.  
Approved guide to the classification and labelling of substances and preparations dangerous for supply. L100.

16 OTHER INFORMATION

Information sources:      Approved Supply List – HSC  
                                     Material Safety Data Sheet, Misc. manufacturers

Risk Phrases in Full:      R11      Highly flammable  
                                     R36      Irritating to eyes.  
                                     R67      Vapours may cause drowsiness and dizziness.

This data is based on our present knowledge. However, it shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.



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## ALCOHOL GEL HAND RUB WITH MOISTURISER

### Description

Alcohol based skin disinfectant. Use after routine hand washing and when soap or water is not readily available. Will evaporate from hands and kill bacteria almost immediately without leaving a residue or odour.

### Features and Benefits

- Highly effective alcohol based hand rub
- Rapidly evaporates from hands and kills bacteria
- Ideal in food handling and preparation areas as it is unperfumed and will not taint the skin
- Recommended for use between patient contact in non-surgical medical care establishments
- Available in 75ml handy bottle with clip fastening, 500ml pump dispenser bottle or 5 litre bottle for extra economy

### How to Use

After washing and drying hands, apply a small amount to palms and spread over hands and lower forearms, paying special attention to cuticles and creases in the skin. Rub in well until skin is dry. As the product will evaporate, it is not necessary to dry hands. Will leave skin feeling refreshed and sanitised. Avoid contact with clothes and fabric.

### Typical Product Data

Appearance/ Colour:	Liquid. Clear colourless.
Odour:	Odour of alcohol
Solubility Description:	Soluble in water
Boiling Pt. (°C):	85-90
Flash Pt. (°C):	19 P/M Pensky-Martens
Melting Point: (°C):	<-10
pH-Value, Conc:	5.5
Relative Density:	0.0860 @ 20°C

### Storage

Store in original sealed container and protect from extremes of temperature

### Biodegradability

All surfactants used in Jangro products comply with the current European Regulations concerning Biodegradability and protection of the environment.