



Jangro Limited
James House
Worsley Road
Farnworth
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BL4 9NL

Tel. 0845 458 5223

JANGRO BK140

Revised 01/10/2012

PRODUCT SAFETY DATA SHEET

SECTION 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Name: Jangro- ALCOHOL GEL HAND RUB
Product No.: A051 JA
Internal Id: BK140-5, BK140-50 & BK140-075

1.2 Relevant identified uses of the substance of mixture and uses advised against

Identified uses: Alcoholic Hand Rub

1.3 Details of the supplier of the safety data sheet

Supplier: Jangro Limited
James House
Worsley Road
Farnworth
Bolton, UK
BL4 9NL
Tel: 0845 458 5223
Fax: 01204 576 801

1.4 Emergency telephone number

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

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards Not classified
Human Health Not classified
Environment Not classified

Classification (1999/45/EEC) Xi;R36, F,R11. R67

The Full Text for all R-Phrases and Hazard statements are Displayed in Section 16.

2.2 Label Elements

Label in Accordance With (EC) No. 1272/2008

No pictogram required.

2.3 Other hazards

This product does not contain any PBT or vPvB substances.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Ingredient Name	EC No.	CAS No.	Content	Classification	Registration Number
PROPAN-2-OL	200-661-7	67-63-0	60-100%	F;R11 Xi;R36 R67	01-2119457558-25-xxxx

The full text for all R-phrases and Hazard Statements are displayed in section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation: Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.
 Ingestion: DO NOT INDUCE VOMITING! Drink a few glasses of water or milk. Get medical attention.
 Skin Contact: Rinse with water.
 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.

4.2 Most important symptoms and effects, both acute and delayed

General information: The severity of the symptoms described will vary dependant of the concentration and the length of exposure.
 Inhalation: Vapours may cause drowsiness and dizziness.
 Ingestion: May cause discomfort if swallowed.
 Skin Contact: No specific symptoms noted. But prolonged or excessively repeated skin contact could lead to removal of natural oils from skin.
 Eye Contact: May cause temporary eye irritation. Prolonged contact may cause redness and/or tearing.

4.3 Indication of any immediate medical attention and special treatment needed.

Treat Symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing Media

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

5.2 Special hazards arising from the substance or mixture

Unusual Fire & Explosion Hazards: May explode in fire.

Specific Hazards When heated and in case of fire, harmful vapours/gases may be formed.

5.3 Advice for fire-fighters

Protective equipment for fire-fighters Keep containers cool by spraying with water to reduce explosive risks. Self contained breathing apparatus and full protective clothing must be worn in case of a fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Do not smoke, use open fire or other sources of ignition. Avoid contact with eyes. Do not breathe vapour.

6.2 Environmental precautions

Spillages or uncontrolled discharges into water courses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

6.3 Methods and material for containment and cleaning up

Small quantities may be flushed to drains with plenty of water. Large spillages pick up with vacuum or absorbent solid, store in closed container for disposal.

6.4 Reference to other sections

For personal protection, see section 8.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with eyes. Avoid inhalation of vapours. Eliminate all sources of ignition.

7.2 Conditions for safe storage, including any incompatibilities

Keep away from heat, sparks and open flame.

7.3 Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

Usage Description: see product information sheet & label for detailed use of this product.

SECTION 8: PERSONAL PROTECTION/EXPOSURE CONTROLS

8.1 Control parameters

Name	Std	TWA – 8 Hrs		STEL – 15min		Notes
Propan-2-OL	WEL	400 ppm	999mg/m3	500ppm	1250mg/m3	

WEL = Workplace Exposure Limit for COSHH assessments in the UK

INGREDIENT COMMENTS: STEL = Short-Term Exposure Limit (15 minute) & TWA = Time Weighted Average (8 hours).

8.2 Exposure controls

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

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Liquid.
Odour:	Odour of alcohol
Solubility :	Soluble in water
Boiling Pt. (°C):	85-90
Flash Pt. (°C):	19 P/M Pensky-Martens
Melting Point: (°C):	<-10
pH-Value, Conc Solution:	5.5
Relative Density:	0.860 @ 20°C
Colour :	Clear Colourless

9.2 Other information

None.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No specific reactivity hazards associated with this product.

10.2 Chemical stability

No particular stability concerns.

10.3 Possibility of hazardous reactions

See sections 10.1, 10.4 & 10.5

10.4 Conditions to avoid

Avoid heat, flames and other sources of ignition.

10.5 Incompatible materials

Materials to avoid : No incompatible groups noted.

10.6 Hazardous decomposition products

No hazardous decomposition products.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Toxicological Information: We have not carried out any animal testing, therefore we have no Toxicological Data specifically for this product. The Toxicological Data, where provided by the raw material manufacturer, can be made available on request.

Other Health Effects: Low oral toxicity, but ingestion may cause irritation of the gastro-intestinal tract.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: Not regarded as dangerous for the environment.

12.1 Toxicity

We have not carried out any Aquatic testing, therefore we have no aquatic Toxicity Data specifically for this product. The Aquatic Toxicity Data, where provided by the raw material manufacturer for ingredients with aquatic toxicity, can be made available on request.

12.2 Persistence and degradability

Degradability: This product, at use dilutions, is readily broken down in biological effluent treatment plants.

12.3 Bioaccumulative potential

Bioaccumulative potential: The product does not contain any substances expected to be bioaccumulating.

12.4 Mobility in soil

Mobility: Not known.

12.5 results of PBT and vPvB assessments

This product does not contain any PBT or vPvB substances.

12.6 Other adverse effects

Not known

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods Small amounts (less than 5 litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal by approved waste contractor. Consign empty container to normal waste.

SECTION 14: TRANSPORT INFORMATION14.1 UN Number

UN No. (ADR/RID/AND)	1219
UN No. (IMDG)	1219
UN No. (ICAO)	1219

14.2 UN Proper shipping name

Proper shipping name: ISOPROPANOL 70% SOLUTION

14.3 Transport hazard class(es)

ADR/RID/ADN Class:	Class 3: Flammable liquids.
IMDG Class:	Class 3: Flammable liquids.
ICAO Class/Division	Class 3: Flammable liquids.

Transport Labels:14.4 Packing group

ADR/RID/ADN Packing group:	II
IMDG Packing group:	II
ICAO Packing group:	II

14.5 Environmental hazards: Environmentally Hazardous Substance/Marine Pollutant: No

14.6 Special precautions for user: EMS F-E, S-D
Tunnel Restriction code: (D/E)

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not relevant for packaged product.

SECTION 15: REGULATORY INFORMATION15.1 Safety, health and environment regulations/legislation specific for the substance or mixture

UK Regulatory References: Cosmetic Products (safety) regulations 1996(c).
 Guidance Notes: Workplace Exposure Limits EH40.
 EU Legislation: Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 453/2010 (which amends Regulation (EC) No 1907/2006). The product is as classified under CHIP Directive 1999/45/EEC Classification, Packaging & Labelling of Dangerous Preparations. Ingredients are listed with classification under both CHIP – Directive 67/548/EEC – classification, packaging & labelling of dangerous substances & GHS/CLP – Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.

15.2 Chemical Safety Assessment: Not applicable this product is a mixture.

SECTION 16: OTHER INFORMATION

Information Sources: Material Safety Data Sheet, misc. manufacturers. CLP Class – Table 3.1 List of harmonised classification and labelling of hazardous substances. CHIP Class – Table 3.2 The list of harmonised classification and labelling of hazardous substances from Annex I to Directive 67/548/EEC.
 Revision Comments: New Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 453/2010 (which amends Regulation (EC) No 1907/2006). No change in Product Classification – Main change is the move of labelling elements from Section 15 to Section 2 & Section 3 now has a different layout for the ingredients and lists their classification in both CHIP & CLP format.
 Revision Date: 01/10/2012

Revision: Issue 5
Safety Data Sheet Status: This Risk Phrases/ Hazard Statements listed below in this Section No 16 relate to the Raw Materials (ingredients) in the Product (as listed in Section 3) and NOT the product itself. For the Risk Phrases/ Hazard Statements relating to this product see Section 2.

Risk Phrases in full :	R11	Highly flammable
	R36	Irritating to eyes
	R67	Vapours may cause drowsiness and dizziness
Hazard Statements in full:	H319	Causes serious eye irritation
	H225	Highly flammable liquid and vapour
	H336	May cause drowsiness and dizziness



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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.