



Jangro Limited
James House
Worsley Road
Farnworth
Bolton
BL4 9NL

Tel. 0845 458 5223

JANGRO BK140-50

Revision April 2004

PRODUCT SAFETY DATA SHEET

1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Trade Name: JANGRO ALCOHOL HAND SANITISER

Supplier: Jangro Limited, as above

2 INFORMATION ON INGREDIENTS

Ingredient Name	EINECS No.	CAS No.	% Range	Symbol	Risk Phrase
Propan-2-OL	200-661-7	67-63-0	60-100%	F,Xi	11,36,67

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

3 HAZARDS IDENTIFICATION

Highly flammable.

Irritating to eyes.

Vapours may cause drowsiness and dizziness.

4 FIRST AID MEASURES

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

Skin: 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: Powder, foam or CO2

Unusual Fire & Explosion: May explode in a fire.

Hazard:

Hazardous Decomposition: If involved in fire, may emit noxious fumes.

Products:

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 During Spill: Immediately extinguish any sources of ignition. Avoid contact with eyes. Avoid inhaling vapour.

Spill:

Precautions to Protect Environment: Large spillages or uncontrolled discharge 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 spill: Absorb in vermiculite, dry sand or earth and place into containers. Send for disposal as special waste.

7 HANDLING AND STORAGE

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

8 PERSONAL PROTECTION/EXPOSURE CONTROLS

INGREDIENT NAME	CAS No	STD	LT EXP (8 hrs)	ST EXP (15 min)
Propan-20-OL	67-63-0	OES	400ppm	500ppm

INGREDIENT COMMENTS: OES = Occupational Exposure Standard

Ventilation: All handling to take place in well ventilated area.
Respirators: N/A
Protective Gloves: N/A
Eye Protection: None required if care is taken not to splash in eyes when pouring.
Other Protection: N/A

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance/ Colour: Liquid. Clear. Colourless
Odour: Alcohol
Solubility Description: Soluble in water
Boiling Pt. (°C): 85 - 90 @ 760mmHg
Specific Gravity (Water=1): 0.860 @ 20 °C
Flash Pt. (°C): 19
Melting Point: (°C): <-10
pH-Value, Conc: 5.5

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

Environmental Hazards: 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: Empty container can be consigned to normal waste. Unwanted material should be disposed of as hazardous waste by registered contractor.

14 TRANSPORT INFORMATION

Label for Conveyance:



Road:
 UN No: 1219
 Hazard Class (ADR): Class 3: Flammable liquids ADR PACK GR: ii
 Proper Shipping Name 1: Isopropanol 70% Solution

Rail:
 Rail Transport Class No: Class 3: Flammable liquids RID PACK GR: ii

Sea:
 UN Sea: 1219
 Sea Transport Class No: Class 3: Flammable liquids SEA PACK GR: ii
 Marine Pollutant: No

Air:
 UN Air: 1219
 Air Transport Class No: Class 3: Flammable liquids AIR PACK GR: ii

15 REGULATORY INFORMATION

Label for Supply:



IRRITANT



HIGHLY FLAMMABLE

Risk Phrases:	R-11	Highly flammable.
	R-36	Irritating to eyes.
	R-67	Vapours may cause drowsiness and dizziness.
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 label.
	S-3/7	Keep container tightly closed in a cool place,

UK Environmental Listings:	Control of pollution (special waste) regulations 1980.
EC Directives:	Systems of specific information relating to Dangerous Preparation. 91/155
Statutory Instruments:	Chemicals (Hazards information and packaging) regulations.
Approved Code of Practice:	The compilation of safety data sheets L130
Guidance Notes:	Occupational exposure limits EH40.
	Approved guide to the classification and labelling of substances and preparations dangerous for supply. L100.

16 OTHER INFORMATION

This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirements. However, the information is provided without any warrantee, express or implied regarding its correctness.