



Jangro Limited
James House
Worsley Road
Farnworth
Bolton
BL4 9NL

Tel. 0845 458 5223

PRODUCT SAFETY DATA SHEET

1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Product Name: JANGRO SCRUBBER DRYER SOLUTION
Applications: Neutral liquid hard surface cleaner
Supplier: Jangro Limited, as above
Emergency: 01772 318 818 Between: 8.30am and 4.45pm

2 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Name	EINECS No.	CAS No.	Contents	Symbol	Risk Phrase
C12-18 Alcohol Ethoxylate			5-10%	Xi	38,50

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

Composition Comments: The ingredients are present in non-hazardous concentrations

3 HAZARDS IDENTIFICATION

Not classified as hazardous

4 FIRST AID MEASURES

Eyes: Promptly wash eyes with plenty of water while lifting the eye lids
Skin: Wash skin with soap and water
Inhalation: Not relevant. Inhalation unlikely.
Ingestion: DO NOT INDUCE VOMITING! Drink a few glasses of water or milk. Get medical attention if any discomfort continues.

5 FIRE FIGHTING MEASURES

Extinguishing Media: This material is not flammable. Use extinguishing media appropriate for surrounding fire.
Hazardous Decomposition Products: If involved in fire, may emit noxious fumes.
Protective measures in fire: Protective clothing and respiratory protection should be worn when tackling fires involving this product.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions during spill: No special protective clothing
Precautions to protect the environment: Large spillages or uncontrolled discharges into rivers or streams must be reported to The Environment Agency or other regulatory body.
Spill clean up methods: Small quantities may be flushed to drains with plenty of water. Larger spill: Absorb in vermiculite, dry sand or earth and place into containers. Send for disposal by approved waste contractor.

7 HANDLING AND STORAGE

Usage Precautions: No specific usage precautions noted.
Storage Precautions: Store at moderate temperature in dry, well ventilated areas. Keep in original container. Store away from oxidising material.

8 PERSONAL PROTECTION / EXPOSURE CONTROLS

Ventilation:	N/A
Respirators:	N/A
Protective Gloves:	No specific hand protection noted, but protection for the skin is advisable to prevent removal of natural oils from skin.
Eye protection:	N/A
Other protection:	N/A

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid
Colour:	Clear blue
Odour/Taste:	Faint surfactant
Solubility Description:	Soluble in water
Boiling point (°C):	101@760mmHg
Specific Gravity (Water=1):	1.030@20°C
Flash Point (°C):	Boils without flashing
Melting point (°C):	-1
pH-Value conc:	8.00

10 STABILITY AND REACTIVITY

Stability:	No particular stability concerns.
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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 bio accumulation.
Degradability:	Surfactant is readily broken down by effluent treatment process.

13 DISPOSAL CONSIDERATIONS

Disposal Methods:	Discharge used solutions to drain. 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.
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14 TRANSPORT INFORMATION

General:	Not classified for Transport
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15 REGULATORY INFORMATION

Risk Phrases:	No classified
Safety Phrases:	S-2 Keep out of reach of children S-46 If swallowed seek medical advice immediately and show this container label P-13 Safety data sheet available for professional user on request.
UK Environmental Listings:	Control of Pollution (Special Waste) Regulations 1980
EC Directives:	System of specific information relating to Dangerous Preparations. 91/155 As amended by Directive 93/112/EC and 2001/58/EC.
Statutory Instruments:	Chemicals (Hazard information and packaging) Regulations 2002
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

Information sources:	Approved Supply List – HSC Material Safety Data Sheet, misc. manufacturers
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R-Phrases (Full text)	R-38 Irritating to skin R-50 Very toxic to aquatic organisms
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SCRUBBER DRYER SOLUTION

Description

Multi surface, low foaming neutral cleaner, for use in a combination scrubber dryer floor machine. For cleaning a variety of floor surfaces including vinyl, rubber, ceramic, terrazzo, marble, sealed wood & cork & all polished floors. May also be used for the general mopping of lightly soiled floors.

Features & Benefits

- For use on a variety of hard floor surfaces.
- Removes light to general soiling with one pass of the machine.
- Unperfumed, suitable wherever food or drink is prepared or served.
- Ideal for Sports Halls, Supermarkets, Shopping Centres. & Airports.

How to Use

LIGHT SOILAGE Dilute 50ml per 5 litres of water.

HEAVY SOILAGE Dilute 100ml per 5 litres of water

FOR USE WITH COMBINATION MACHINES

Add to the solution tank at a concentration of 1-2% (10-20mls per litre) depending on soiling.

Composition

Contains a blend of nonionic surfactants, stabiliser, sequestering agents & dye.

Typical Product Data

Appearance:	Clear liquid
Odour:	Unperfumed
Specific Gravity (20°C):	1.03
Colour:	Blue
pH – undiluted:	8.00
pH – diluted 1:50	8.00
Shelf Life Unopened:	Not less than 3 years

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.