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## PRODUCT SAFETY DATA SHEET

### 1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Trade Name: JANGRO BIOLOGICAL URINAL BLOCKS  
 Supplier: Jangro Limited, as above  
 Email: enquiries@jangrohq.net

### 2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture IRRITANT  
 2.1 Regulation (EC) No. 1272/2008 (CLP)  
 2.1 Directive 675/548/EEC & Directive 1999/45/EC

#### 2.2 Label Elements

##### 2.2.1 Label elements

GHS Product Identifier

IRRITANT

Hazard pictogram Reach



Signal word Reach

IRRITANT

### 3 COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredient(s)	EINECS No	CAS No.	% w/w	Symbol	Risk Phrase
Benzenesurhonic acid mono C10-C13 Alkyl Dervis Sodium Salts		6844-30-3	15-25	Xn	R22, R38, R41
Perfume		n/a	1-5	Xn, N	R20/21/22-38-43
6-Octenal, 3,7, dimethyl-	203-376-6	106-23-0	<0.1	Xi, N	R39-43
2,6-Octadien-1-ol,3,7 dimethyl	203-377-1	106-24-1	<0.1	Xi	R41-43
2,6-Octadien-1-al, 3,7 dimethyl	226-394-6	5392-40-5	<0.1	Xi	R38-43
Limonene		5989-27-5	<0.1	Xn, N	R10-38-43-65

#### Non Hazardous Ingredients:

Sodium Chloride	7647-14-5	7647-14-5	>30		
Bacteria species (Non pathogen) (1 x 10 <sup>8</sup> cfu/g) <2.5			<5	Minimum bacteria	Count of 1.0 x power 8 cfu/g

### 4 FIRST AID MEASURES

#### 4.1 Description of First Aid Measures (Symptoms)

Inhalation:	With normal use should not present a hazard
Skin:	May cause irritation and allergic reaction.
Eyes:	May cause slight irritation.
Ingestion:	May cause irritation to the mouth, throat and digestive tract
Additional information:	Symptomatic treatment.

#### 4.2 Description of First Aid Measures (Actions)

Inhalation:	If affected, remove to fresh air, keep warm and at rest. Obtain medical attention in severe cases.
Skin:	Wash skin with soap and water. In severe cases obtain medical help.
Eyes:	In case of contact Irrigate thoroughly with plenty of water for 10-15 minutes. Obtain medical attention if irritation persists.
Ingestion:	Do not give anything by mouth to an unconscious person. Wash out with water and give copious amounts of water to drink. Do not induce vomiting. Seek medical advice if patient unwell.
Additional information:	Symptomatic treatment - Always launder contaminated clothing before re-use.

### 5 FIRE FIGHTING MEASURES

#### 5.1

Extinguishing Media:	Water spray, foam, dry powder or CO <sub>2</sub>
Fire Fighting Protective:	Full protective equipment including self-contained respiratory protection.

#### 5.2 Special hazards arising from the substance or mixture

Exposure Hazards	In combustion emits toxic fumes
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#### 5.3 Advice for fire-fighters

Special protective equipment For fire fighters	Full protective equipment including self-contained respiratory protection
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### 6 ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures

Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing – see section 8 of SDS

#### 6.2 Environmental Precautions

Do not discharge into drains or rivers. Contain the spillage using bundling.

#### 6.3 Methods and material for

#### Containment and cleaning up

Wearing gloves pick up blocks and return to tub.

#### 6.4 Reference to other sections

#### 6.5 Additional Information

Spillages will prove slippery if product gets wet

### 7 HANDLING AND STORAGE

#### 7.1 Precautions for safe Handling:

Avoid eye contact and prolonged skin contact.

#### 7.2 Conditions for safe Storage:

Keep in original containers.

#### 7.3 Suitable packaging

#### 7.3 Specific end use

Keep tightly closed when not in use. Do not store below 5°C degrees or above 30°C degrees.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control Parameters

#### Hazardous Ingredient(s)

No occupational limit assigned

#### 8.2 Exposure Controls

#### Respiratory protection:

Not necessary.

#### Hand Protection:

Wear suitable gloves (Butyl rubber or Polyvinyl chloride)

Eye protection: Wear suitable goggles.  
 Skin Protection: Wear suitable overalls

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical Form Solid (Blocks)  
 Colour: Blue  
 Odour: Citrus  
 pH: Not Applicable  
 Boiling Point: 100°C  
 Auto Ignition Temp: Not available  
 Vapour Pressures: Not available  
 Density: 8 Typical (1% Solution)  
 Partition Coefficient: Not available  
 Melting Point: Not Applicable  
 Flash Point: Not Applicable  
 Flammable Limits: Not Applicable  
 Viscosity: Not available  
 Oxidising Props: Not Applicable  
 Pour Point (Deg C) Not Applicable  
 Solubility in Water: Dissolves

10 STABILITY AND REACTIVITY

10.1 Reactivity  
 10.2 Chemical stability: Stable under normal conditions  
 10.3 Possibility of hazardous reactions  
 10.4 Conditions to avoid: Extreme of temperature and moisture  
 10.5 Incompatible materials: Disinfectants  
 10.6 Hazardous decomposition products: Burning produces Oxides of Carbon

11 TOXICOLOGICAL INFORMATION

11.2 Symptoms/ routes of exposure  
 Skin contact: May cause slight/mild irritation to sensitive skin with prolonged contact  
 Eye contact: May produce an allergic reaction  
 Ingestion: May cause irritation to mouth, throat and digestive tract  
 Inhalation: Under normal use should not present a hazard

12 ECOLOGICAL INFORMATION

12.1 Toxicity  
 12.2 Persistence and degradability: The surfactant(s) used in this preparation comply(ies) with the biodegradability criteria as laid down in regulation (EC)\_ No 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request of a detergent manufacturer.  
 12.3 Bio accumulative potential: No bioaccumulation potential  
 12.4 Mobility in soil Readily absorbed into soil  
 12.5 Results of PBT and vPvB assessment  
 12.6 Other adverse effects Negligible ecotoxicity

13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods  
 Disposal operations: Dispose of in accordance with Local Authority Guidelines and regulations  
 Disposal of packaging: Dispose of in accordance with Local Authority Guidelines and regulations

**N.B: The users attention is drawn to the possible existence of regional or national regulations regarding disposal**

14 TRANSPORT INFORMATION

14.1 UN Number Not regulated for transport  
 14.2 UN proper shipping name  
 14.3 Transport hazard class(es) ARD/RID:Class  
 IMDG: Proper shipping name  
 IATA: Proper shipping name  
 14.4 Packing group

14.5 Environmental hazards: Environmental hazardous, Marine Pollutant

14.6 Special precautions for user

15 REGULATORY INFORMATION

**This preparation was classified in compliance with the following directions and regulations**

Regulation (EC) No 1907/2006 (REACH) and amendments thereof up to and including regulation (EU) No 453/2010. Regulation (EC) No 1272 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures.

15.1 Hazardous ingredients contains: 6-Octanal,3,7 dimethyl-2, 6-Octadien-1-ol, 3,7 dimethyl, 2,6 Octadiene-1-al, 3,7 dimethyl-Limonene.  
May cause an allergic reaction

Hazard symbol



EEC Classification

Irritant

Other provisions The regulatory information given above only indicated the principal regulations specifically applicable to the product described in this safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

Risk Phrases:

R41 Risk of serious damage to eyes.  
R38 Irritating to the skin  
R43 May cause sensitisation by skin contact

Safety Phrases:

S2 Keep out of the reach of children.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S28 After contact with skin, wash immediately with plenty of water  
S37/39 Wear suitable gloves and eye/face protection  
S46 If swallowed, seek medical advice immediately and show this container or label.

15.2 Chemical safety assessment A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

16 OTHER INFORMATION

16.1 Phrases used in section 2 & 3

Risk phrases

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.  
R22 Harmful if swallowed  
R38 Irritating to skin  
R39 Danger of very serious irreversible effects  
R41 Risk of serious damage to eyes  
R43 May cause sensitisation by skin contact  
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment  
R65 Harmful: may cause lung damage if swallowed  
R10 Flammable

16.2 Other information Changes made to section 3.1 to show perfume ingredients as part of revision 2013/1

CLP Label elements

Hazard pictogram(s) CLP



**Legal disclaimer**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements & local regulations. This company shall not be held liable to any damage resulting from handling or from contact with the above product.



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## BIOLOGICAL URINAL BLOCKS

### DESCRIPTION

Non-pDCB Urinal Blocks containing a powerful biological cleaning agent, proven to maintain and deodorise traps and pipework. Effective savings can be made with these water-soluble biological urinal blocks by reducing the frequency of flushing, as they deliver cleaning and water-softening power each time the urinal is used.

### BENEFITS AND FEATURES

- \* Removes the cause of odours
- \* Prevents blocked traps & pipes
- \* Contains non-pathogenic micro-organisms
- \* Cleans & freshens
- \* Suitable for all types of urinals & troughs
- \* Saves water – saves money
- \* Odour neutralizing perfume

### WHERE TO USE

JANGRO BIOLOGICAL URINAL BLOCKS are safer than conventional pDCB blocks, especially where children or handicapped people may come into contact with cleaning agents. Suitable for use in stainless steel, porcelain and ceramic urinals or troughs. JANGRO BIOLOGICAL URINAL BLOCKS used in toilets & washrooms with a history of odour problems and slow running outlets will improve flow rates and reduce odours. By reducing the frequency of flushing money can be saved and scale build-up on urinal surfaces avoided.

### HOW TO USE

Place one block into each urinal, or one every 50cm in trough urinals. Replace when block has dissolved.

### COMPOSITION

Contains a non-pathogenic (safe) micro-organisms and a blend of cleaning and water-softening agents, perfume & colorant.

### TYPICAL PRODUCT ANALYSIS

Appearance:	Solid block
Colour:	Blue
Odour:	Citrus
Biodegradable:	Yes
Shelf Life Unopened:	1-3 Years

### PACKAGING

1.1kg white re-sealable tubs. Average contents 50 blocks.