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JANGRO BA012-75
Revision January 2012

PRODUCT SAFETY DATA SHEET

1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Trade Name: JANGRO SPRAY & WIPE WITH BLEACH 750ML
Supplier: Jangro Limited, as above
Email: centraloffice@jangrohq.net
Emergency: +44 (0) 1865407333

2 HAZARDS IDENTIFICATION

Classification (1999/45/EEC) Not Classified

Risk Phrases

NC Not Classified

Safety Phrases

S2 Keep out of reach of children
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
P13 Safety data sheet available for professional user on request.

Other Hazards

This product does not contain any PBT or vPvB substances.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Sodium Hypochlorite Solution, % Cl ACTIVE		<0.5%
CAS - No.: 7681-52-90	EC No.: 231-6683	Registration number: 01-2119488154-341-XXXX
Classification (EC 1272/2008) EUH031 Skin Corr. 1B - H31 Aquatic Acute 1 - H400	Classification (67/548/EEC) C; R34 R31 N;R50	

Sodium Hydroxide		<0.5%
CAS-No.: 1310-73-2	EC No.: 215-185-5	Registration Number:01-2119457892-27-XXXX
Classification (EC 1272/2008) Skin Corr. 1A - H314	Classification (67/548/EEC) C;R35	

The full text for all R-Phrases are displayed in section 16

4.1. Description of first aid measures

Eyes:	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention.
Skin Contact:	Rinse immediately with plenty of water. Remove contaminated clothing. Contact physician if irritation continues.
Ingestion:	NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Get medical attention if any discomfort continues.
Inhalation:	Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

5 FIRE FIGHTING MEASURES

Extinguishing Media:	This product is not flammable. Use fire extinguishing media appropriate for surrounding materials. Foam, carbon dioxide or dry powder.
Hazardous Combustion Products:	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.
Special Fire Fighting Procedures:	Keep run-off water out of sewers and water sources. Dike for water control.
Protective Equipment for Fire-fighters:	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions:	For personal protection, see section 8. In case of spills, beware of slippery floors and surfaces.
Environmental Precautions:	Collect and dispose of spillage as indicated in section 13. Do not discharge into drains, water courses or onto the ground.
Methods and material for containment and clearing up:	Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer.
Reference to other sections:	For personal protection, see section 8. See section 11 for additional information on health hazards. For waste disposal, see section 13.

7 HANDLING AND STORAGE

Precautions for safe handling:	Provide good ventilation. Avoid contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Do not eat, drink or smoke when using the product.
Storage:	Store in tightly closed original container in a dry, cool and well ventilated place. Keep in original container.
Specific end use(s)	The identified uses for this product are detailed in Section 1.2.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient Name	CAS No.	STD	TWA – 8hrs	STEL – 15mins
Sodium Hydroxide		WEL		2 mg/m ³

WEL = Workplace Exposure Limit.

Protective Equipment:



Engineering Measures:	Provide adequate ventilation.
Respiratory Equipment:	Respiratory protection not required
Hand Protection:	For prolonged or repeated skin contact use suitable protective gloves. PVC or rubber gloves are recommended. Simple Design for minimal risk.
Eye Protection:	Wear approved, tight fitting safety glasses where splashing is probably. EN 166
Other Protection:	Use barrier creams to prevent skin contact. Wear appropriate clothing to prevent repeated or prolonged skin contact.
Hygiene Measures:	When using do not eat, drink or smoke. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Use appropriate skin cream to prevent drying of skin.
Environmental Exposure Controls:	Avoid release to the environment. Users should be aware of environmental considerations and their duties under the environmental protection act. Further information may be found on Government websites: www.dti.gov.uk/access/index/htm and www.envirowise.gov.uk

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid
Colour:	Light (or pale). Yellow
Odour:	Faintly or chlorine
Boiling Point (°C):	> 100 C
Density/Specific Gravity (g/ml):	1.020 typically @20 degrees C
pH-value, conc. Solution:	12.0 typically
Solubility:	Soluble in water

10 STABILITY AND REACTIVITY

Reactivity:	No specific reactivity hazards associated with this product.
Stability:	Stable under normal temperature conditions. Avoid: Contact with acids.
Hazardous Reactions:	Contact with acids liberates toxic chlorine gas.
Conditions to avoid:	Avoid exposure to high temperatures or direct sunlight.
Incompatible materials:	Acids
Hazardous Decomposition Products:	Chlorine. During fire, toxic gases (CO, CO ₂) are formed.

11 TOXICOLOGICAL INFORMATION

Other Health Effects	This substance has no evidence of carcinogenic properties.
General Information	This product has low toxicity. Only large volumes may have adverse impact on human health.
Ingestion:	May irritate and cause stomach pain, vomiting and diarrhoea.
Skin Contact:	Skin irritation is not anticipated when used normally. Repeated exposure may cause skin dryness or cracking.
Eye Contact:	May cause temporary eye irritation.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	There are no data on the ecotoxicity of this product. Not regarded as dangerous for the environment.
Degradability:	There are no data on the degradability of this product. The surfactant(s) contained in this preparation complies (comply) 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 or at the request of a detergent manufacturer.
Bioaccumulative Potential:	No data available on bioaccumulation. Low potential for bioaccumulation.
Mobility in soil:	The product is water soluble and may spread in water systems.
Other adverse effects:	None known

Results of PBT and vPvB assessment:

This product does not contain any PBT or vPvB substances.

13 DISPOSAL CONSIDERATIONS

General Information:	Do not discharge into drains water courses or onto the ground.
Waste treatment methods:	Dispose of waste and residues in accordance with local authority requirements. Packaging is recyclable. Wash out containers with water before disposal.

14 TRANSPORT INFORMATION

Not Classified

15 REGULATORY INFORMATION**Statutory Instruments:**

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I. 209 No. 716).

Approved Code of Practice:

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data sheets for Substances and Preparations.

Guidance Notes:

Workplace Exposure Limits EH40. CHIP for everyone HSG (108).

16 OTHER INFORMATION:**Risk Phrases in Full:**

R34	Causes burns
R35	Causes severe burns
R31	Contact with acids liberates toxic gas
R50	Very toxic to aquatic organisms

Hazard Statements in Full:

H314	Causes severe skin burns and eye damage
EUH031	Contact with acids liberates toxic gas.
H400	Very toxic to aquatic life.