



SAFETY DATA SHEET
JANGRO SPRAY & WIPE WITH BLEACH

According to Regulation (EU) No 453/2010

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

1.1. Product identifier

Product name JANGRO SPRAY & WIPE WITH BLEACH
Product No. BA012-75
Container size 6 x 750 ml

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

Identified uses Detergent. Disinfecting and cleaning.

1.3. Details of the supplier of the safety data sheet

Supplier JANGRO LTD
JANGRO HOUSE
WORSLEY ROAD
FARNWORTH
BOLTON
BL4 9LU
0845 458 5223
01204 576801
Contact Person Competent person responsible for content of safety data sheet: sds@coventrychemicals.com

1.4. Emergency telephone number

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (1999/45/EEC) Not classified.

2.2. Label elements

Risk Phrases
Safety Phrases

NC	Not classified.
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.
P13	Safety data sheet available for professional user on request.

2.3. Other hazards

This product does not contain any PBT or vPvB substances.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

SODIUM HYPOCHLORITE SOLUTION, ... % CI ACTIVE	< 0.5%	
CAS-No.: 7681-52-9	EC No.: 231-668-3	Registration Number: 01-2119488154-34-XXXX

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Classification (EC 1272/2008) EUH031 Skin Corr. 1B - H314 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 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. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

Ingestion

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Get medical attention if any discomfort continues.

Skin contact

Rinse immediately with plenty of water. Remove contaminated clothing. Contact physician if irritation continues.

Eye contact

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 and bring along these instructions.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact

Prolonged contact may cause redness, irritation and dry skin.

Eye contact

May cause temporary eye irritation.

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

No specific first aid measures noted.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials. Foam, carbon dioxide or dry powder.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

5.3. Advice for firefighters

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.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

For personal protection, see section 8. In case of spills, beware of slippery floors and surfaces.

6.2. Environmental precautions

Collect and dispose of spillage as indicated in section 13. Do not discharge into drains, water courses or onto the ground.

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6.3. Methods and material for containment and cleaning 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.

6.4. 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.

SECTION 7: HANDLING AND STORAGE

7.1. 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.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place.

7.3. Specific end use(s)

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

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
SODIUM HYDROXIDE	WEL				2 mg/m3	

WEL = Workplace Exposure Limit.

SODIUM HYPOCHLORITE SOLUTION, ... % CI ACTIVE (CAS: 7681-52-9)

DNEL					
Industry	Inhalation.	Long Term	Local Effects	1.55 mg/m3	
Industry	Inhalation.	Long Term	Systemic Effects	1.55 mg/m3	
Industry	Inhalation.	Short Term	Local Effects	3.1 mg/m3	
Industry	Inhalation.	Short Term	Systemic Effects	3.1 mg/m3	
Consumer	Inhalation.	Long Term	Local Effects	1.55 mg/m3	
Consumer	Inhalation.	Long Term	Systemic Effects	1.55 mg/m3	
Consumer	Inhalation.	Short Term	Local Effects	3.1 mg/m3	
Consumer	Inhalation.	Short Term	Systemic Effects	3.1 mg/m3	
Consumer	Oral	Long Term	Systemic Effects	0.26 mg/kg/day	
PNEC					
Freshwater	0.00021	mg/l			
Marinewater	0.00042	mg/l			
Intermittent release	0.00026	mg/l			
STP	0.03	mg/l			

SODIUM HYDROXIDE (CAS: 1310-73-2)

DNEL					
Industry	Inhalation.	Long Term	Local Effects	1.0 mg/m3	
Consumer	Inhalation.	Long Term	Local Effects	1.0 mg/m3	

8.2. Exposure controls

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.

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Eye protection

Wear approved, tight fitting safety glasses where splashing is probable. 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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Light (or pale). Yellow.
Odour	Faintly of chlorine.
Solubility	Soluble in water.
Initial boiling point and boiling range (°C)	Not applicable.
Melting point (°C)	Not applicable.
Relative density	1.020 typically @20°C
Bulk Density	Not applicable.
Vapour density (air=1)	Not determined.
Vapour pressure	Not determined.
Evaporation rate	Not determined.
Evaporation Factor	Not applicable.
pH-Value, Conc. Solution	12.0 typically
Viscosity	Not determined.
Solubility Value (G/100G H ₂ O@20°C)	Not applicable.
Decomposition temperature (°C)	Not applicable.
Odour Threshold, Lower	Not applicable.
Odour Threshold, Upper	Not applicable.
Flash point (°C)	Not applicable.
Auto Ignition Temperature (°C)	Not applicable.
Explosive properties	Not applicable
Oxidising properties	Not applicable.
Comments	Information given concerns the concentrated solution.

9.2. Other information

Not relevant

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No specific reactivity hazards associated with this product.

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10.2. Chemical stability

Stable under normal temperature conditions.

10.3. Possibility of hazardous reactions

Contact with acids liberates toxic chlorine gas.

10.4. Conditions to avoid

Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible materials

Materials To Avoid

Acids.

10.6. Hazardous decomposition products

Chlorine. During fire, toxic gases (CO, CO₂) are formed.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

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.

Inhalation

No specific health warnings noted.

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.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

There are no data on the ecotoxicity of this product. Not regarded as dangerous for the environment.

12.1. Toxicity

Acute Fish Toxicity

Not considered toxic to fish.

12.2. Persistence and degradability

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.

12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation. Low potential for bioaccumulation.

12.4. Mobility in soil

Mobility:

The product is water soluble and may spread in water systems.

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Mobility:

The product is water soluble and may spread in water systems.

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

General information

Do not discharge into drains, water courses or onto the ground.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. Packaging is recyclable. Wash out containers with water before disposal.

SECTION 14: TRANSPORT INFORMATION

Road Transport Notes	Not Classified
Rail Transport Notes	Not classified.
Sea Transport Notes	Not classified.
Air Transport Notes	Not classified.

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not relevant

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Uk Regulatory References

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 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). COSHH Essentials.

EU Legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2. Chemical Safety Assessment

A Chemical Safety Assessment (CSA) has been completed for Sodium hydroxide. and Sodium hypochlorite.

SECTION 16: OTHER INFORMATION

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SECTION 16: OTHER INFORMATION

Abbreviations and acronyms used in the safety data sheet

PBT Persistent Bio-accumulative and Toxic vPvB very Persistent, very Bio-accumulative

Revision Comments

NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision Date 19/09/2012

Revision 4

Supersedes date 02/12/2011

Risk Phrases In Full

NC	Not classified.
R31	Contact with acids liberates toxic gas.
R34	Causes burns.
R35	Causes severe burns.
R50	Very toxic to aquatic organisms.

Hazard Statements In Full

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

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.