

**SAFETY DATA SHEET****750 ML JANGRO SPRAY & WIPE WITH BLEACH**

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

**Product name** 750 ML JANGRO SPRAY & WIPE WITH BLEACH  
**Product number** 800-277-0028  
**Container size** 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 Ltd  
Jangro House  
Worsely Road, Farnworth  
Bolton, BL4 9LU  
0845 458 5223  
01204 576801

**Contact person** For content of safety data sheet: sds@coventrychemicals.com

**1.4. Emergency telephone number**

**Emergency telephone** +44 (0) 1865407333 (Strictly for emergencies only: incidents involving damage to human health and/or the environment)

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification**

**Physical hazards** Not Classified  
**Health hazards** Skin Irrit. 2 - H315 Eye Irrit. 2 - H319  
**Environmental hazards** Not Classified

**2.2. Label elements****Pictogram**

**Signal word** Warning

**Hazard statements** H315 Causes skin irritation.  
H319 Causes serious eye irritation.

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**Precautionary statements**

P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P302+P352 IF ON SKIN: Wash with plenty of water.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P332+P313 If skin irritation occurs: Get medical advice/attention.  
 P362+P364 Take off contaminated clothing and wash it before reuse.  
 P337+P313 If eye irritation persists: Get medical advice/attention.

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>SODIUM HYDROXIDE</b>			<b>&lt;1%</b>
CAS number: 1310-73-2	EC number: 215-185-5	REACH registration number: 01-2119457892-27-XXXX	
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>		
Met. Corr. 1 - H290	C;R35		
Skin Corr. 1A - H314			
Eye Dam. 1 - H318			

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 affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

**Ingestion** Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.

**Skin contact** Rinse immediately with plenty of water. Remove contaminated clothing. Get medical attention if irritation persists after washing.

**Eye contact** Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.

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

**Skin contact** Prolonged contact may cause redness, irritation and dry skin.

**Eye contact** Irritating to eyes. Symptoms following overexposure may include the following: Redness. Pain.

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

**Notes for the doctor** No specific recommendations.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Foam, carbon dioxide or dry powder.

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

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**Hazardous combustion products** Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

### 5.3. Advice for firefighters

**Protective actions during firefighting** Control run-off water by containing and keeping it out of sewers and watercourses.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## SECTION 6: Accidental release measures

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

**Personal precautions** For personal protection, see Section 8. In case of spills, beware of slippery floors and surfaces.

### 6.2. Environmental precautions

**Environmental precautions** Collect and dispose of spillage as indicated in Section 13. Do not discharge into drains or watercourses or onto the ground.

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

### 6.4. Reference to other sections

**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

**Usage precautions** Provide adequate ventilation. Avoid spilling. Avoid contact with skin and eyes. Avoid contact with acids and other cleaning agents. Wear protective clothing as described in Section 8 of this safety data sheet.

**Advice on general occupational hygiene** Good personal hygiene procedures should be implemented. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Use appropriate skin cream to prevent drying of skin.

### 7.2. Conditions for safe storage, including any incompatibilities

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

### 7.3. Specific end use(s)

**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

#### Occupational exposure limits

#### SODIUM HYDROXIDE

Long-term exposure limit (8-hour TWA): WEL

Short-term exposure limit (15-minute): WEL 2 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

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### STPP (CAS: 7758-29-4)

<b>DNEL</b>	Workers - Inhalation; Long term systemic effects: 17.632 mg/m <sup>3</sup>
	Workers - Dermal; Long term systemic effects: 10 mg/kg/day
	Workers - Inhalation; Long term systemic effects: 4.348 mg/m <sup>3</sup>
	General population - Dermal; Long term systemic effects: 5 mg/kg/day
	General population - Oral; Long term systemic effects: 2.5 mg/kg/day

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

<b>DNEL</b>	Industry - Inhalation; Long term local effects: 1.55 mg/m <sup>3</sup>
	Industry - Inhalation; Long term systemic effects: 1.55 mg/m <sup>3</sup>
	Industry - Inhalation; Short term local effects: 3.1 mg/m <sup>3</sup>
	Industry - Inhalation; Short term systemic effects: 3.1 mg/m <sup>3</sup>
	Consumer - Inhalation; Long term local effects: 1.55 mg/m <sup>3</sup>
	Consumer - Inhalation; Long term systemic effects: 1.55 mg/m <sup>3</sup>
	Consumer - Inhalation; Short term local effects: 3.1 mg/m <sup>3</sup>
	Consumer - Inhalation; Short term systemic effects: 3.1 mg/m <sup>3</sup>
	Consumer - Oral; Long term systemic effects: 0.26 mg/kg/day

<b>PNEC</b>	- Fresh water; 0.00021 mg/l
	- Marine water; 0.00042 mg/l
	- Intermittent release; 0.00026 mg/l
	- STP; 0.03 mg/l

### ALCOHOLS, C12-14, ETHOXYLATED < 2.5 EO, SULFATES, SODIUM SALTS (CAS: 68891-38-3)

<b>DNEL</b>	Workers - Dermal; Long term systemic effects: 2750 mg/kg/day
	Workers - Inhalation; Long term systemic effects: 175 mg/m <sup>3</sup>
	Consumer - Oral; Long term systemic effects: 15 mg/kg/day
	Consumer - Dermal; Long term systemic effects: 1650 mg/kg/day
	Consumer - Inhalation; Long term systemic effects: 52 mg/m <sup>3</sup>

<b>PNEC</b>	- Fresh water; 0.24 mg/l
	- Marine water; 0.024 mg/l
	- Intermittent release; 0.071 mg/l
	- Sediment, Fresh water; 5.45 mg/kg
	- Sediment, Marine water; 0.545 mg/kg
	- Soil; 0.946 mg/kg
	- STP; 10,000 mg/l

### SODIUM HYDROXIDE (CAS: 1310-73-2)

<b>DNEL</b>	Industry - Inhalation; Long term local effects: 1.0 mg/m <sup>3</sup>
	Consumer - Inhalation; Long term local effects: 1.0 mg/m <sup>3</sup>

## 8.2. Exposure controls

### Protective equipment



Appropriate engineering controls

Provide adequate ventilation.

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<b>Eye/face protection</b>	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses. EN 166
<b>Hand protection</b>	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Polyvinyl chloride (PVC). Rubber (natural, latex). Simple Design for minimal risk.
<b>Other skin and body protection</b>	Use barrier creams to prevent skin contact. Wear appropriate clothing to prevent repeated or prolonged skin contact.
<b>Hygiene measures</b>	When using do not eat, drink or smoke. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Use appropriate skin cream to prevent drying of skin.
<b>Respiratory protection</b>	Respiratory protection not required.
<b>Environmental exposure controls</b>	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: <a href="http://www.dti.gov.uk/access/index/htm">www.dti.gov.uk/access/index/htm</a> and <a href="http://www.envirowise.gov.uk">www.envirowise.gov.uk</a> .

### SECTION 9: Physical and Chemical Properties

#### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Liquid.
<b>Colour</b>	Light (or pale). Yellow.
<b>Odour</b>	Faintly of chlorine.
<b>Odour threshold</b>	Not applicable.
<b>pH</b>	pH (concentrated solution): 12.0 typically
<b>Melting point</b>	Not applicable.
<b>Initial boiling point and range</b>	Not applicable.
<b>Flash point</b>	Not applicable.
<b>Evaporation rate</b>	Not determined.
<b>Evaporation factor</b>	Not applicable.
<b>Vapour pressure</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Relative density</b>	1.020 typically @ 20°C
<b>Bulk density</b>	Not applicable.
<b>Solubility(ies)</b>	Soluble in water.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition Temperature</b>	Not applicable.
<b>Viscosity</b>	Not determined.
<b>Explosive properties</b>	Not applicable
<b>Oxidising properties</b>	Not applicable.
<b>Comments</b>	Information given is applicable to the product as supplied.

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### 9.2. Other information

**Other information** Not relevant.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

#### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures.

#### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Contact with acids liberates toxic chlorine gas.

#### 10.4. Conditions to avoid

**Conditions to avoid** Avoid exposure to high temperatures or direct sunlight.

#### 10.5. Incompatible materials

**Materials to avoid** Acids.

#### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Chlorine. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of carbon.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

**Other health effects** There is no evidence that the product can cause cancer.

**General information** This product has low toxicity.

**Ingestion** May cause irritation. Symptoms following overexposure may include the following: Stomach pain. Nausea, vomiting. Diarrhoea.

**Skin contact** Skin irritation should not occur when used as recommended. 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

**Toxicity** Not considered toxic to fish.

#### 12.2. Persistence and degradability

**Persistence and degradability** There are no data on the degradability of this product. The surfactant(s) contained in this product 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

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**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.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** Do not discharge into drains or watercourses or onto the ground.

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. 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

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not relevant.

## SECTION 15: Regulatory information

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

**National regulations** The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).  
The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).  
Workplace Exposure Limits EH40.

**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) (as amended).

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<b>Guidance</b>	COSHH Essentials. ECHA Guidance on the Application of the CLP Criteria. ECHA Guidance on the compilation of safety data sheets.
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### 15.2. Chemical safety assessment

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

#### SECTION 16: Other information

<b>Revision comments</b>	NOTE: Lines within the margin indicate significant changes from the previous revision.
<b>Revision date</b>	30/06/2015
<b>Revision</b>	1
<b>SDS number</b>	20789
<b>Risk phrases in full</b>	Not classified. R31 Contact with acids liberates toxic gas. R34 Causes burns. R35 Causes severe burns. R50 Very toxic to aquatic organisms.
<b>Hazard statements in full</b>	H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation.

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.