

**Section 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier****Product name:** JANGRO PREMIUM BIO LAUNDRY LIQUID**Product code:** BP210**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of substance / mixture:** Professional biological laundry detergent**1.3. Details of the supplier of the safety data sheet**

|  |                         |
|--|-------------------------|
| <b>Company name:</b> Jangro Ltd  | Jangro Ltd Europe       |
| Jangro House, Worsley Road   | 6-9 Trinity Street      |
| Farnworth  | Dublin 2                |
| Bolton   | D02 EY47                |
| BL4 9LU  | Ireland                 |
| <b>Tel:</b> 01204 795955   | <b>Tel:</b> 01 617 7911 |
| <b>Fax:</b> 01204 579499   |                         |
| <b>Email:</b> <a href="mailto:enquiries@jangrohq.net">enquiries@jangrohq.net</a> |                         |

**1.4. Emergency telephone number****Emergency tel:** 01495 792929 (office hours)**Section 2: Hazards identification****2.1. Classification of the substance or mixture****Classification under CLP:** Eye Irrit. 2: H319**Most important adverse effects:** Causes serious eye irritation.**2.2. Label elements****Label elements:****Hazard statements:** H319: Causes serious eye irritation.**Hazard pictograms:** GHS07: Exclamation mark**Signal words:** Warning**Precautionary statements:** P280: Wear eye protection.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

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P302: IF ON SKIN:

P353: Rinse skin with water .

**2.3. Other hazards**

**PBT:** This product is not identified as a PBT/vPvB substance.

**Section 3: Composition/information on ingredients**

**3.2. Mixtures**

**Hazardous ingredients:**

BENZENESULFONIC ACID, MONO-C10-14-ALKYL DERIVS., SODIUM SALTS

| EINECS    | CAS        | PBT / WEL | CLP Classification   | Percent |
|-----------|------------|-----------|--|---------|
| 285-600-2 | 85117-50-6 | -         | Eye Dam. 1: H318; Skin Irrit. 2: H315;<br>Acute Tox. 4: H302 | 1-10%   |

ALCOHOLS, C10-16, ETHOXYLATED - REACH registered number(s): EXEMPT - POLYMER

| EINECS    | CAS        | PBT / WEL | CLP Classification                         | Percent |
|-----------|------------|-----------|--|---------|
| 500-182-6 | 68002-97-1 | -         | Eye Dam. 1: H318; Aquatic Acute 1:<br>H400 | 1-10%   |

**Section 4: First aid measures**

**4.1. Description of first aid measures**

**Skin contact:** Wash skin with plenty of water.

**Eye contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue to rinse. If irritation occurs and persists, get medical advice/attention.

**Ingestion:** Wash out mouth with water.

**Inhalation:** Get medical attention or advice if you feel unwell.

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

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** No known effects or symptoms in normal use.

**Inhalation:** No known effects or symptoms in normal use.

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

**Immediate / special treatment:** Not applicable.

**Section 5: Fire-fighting measures**

**5.1. Extinguishing media**

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

[cont...]

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

**Exposure hazards:** No special hazards known

**5.3. Advice for fire-fighters**

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

**Section 6: Accidental release measures**

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

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

**6.2. Environmental precautions**

**Environmental precautions:** Do not discharge into drains or rivers. Dilute with plenty of water.

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

**Clean-up procedures:** Absorb with liquid-binding material (sand, dry earth, diatomite, universal binders, sawdust).

**6.4. Reference to other sections**

**Reference to other sections:** Refer to section 8 of SDS.

**Section 7: Handling and storage**

**7.1. Precautions for safe handling**

**Handling requirements:** Avoid direct contact and/or splashes where possible. Ensure there is sufficient ventilation of the area.

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

**Storage conditions:** Store in a cool, well ventilated area. Avoid temperatures below 5°C and above 30°C.

**7.3. Specific end use(s)**

**Specific end use(s):** No specific advice for end use available.

**Section 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Workplace exposure limits:** No data available.

**DNEL/PNEC Values**

**DNEL / PNEC** No data available.

**8.2. Exposure controls**

**Engineering measures:** No special requirements under normal use conditions.

**Respiratory protection:** No special requirements under normal use conditions.

**Hand protection:** No special requirements under normal use conditions.

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**Eye protection:** Safety glasses.

**Skin protection:** No special requirements under normal use conditions.

**Environmental:** No special requirements under normal use conditions.

**Section 9: Physical and chemical properties**

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

**State:** Liquid

**Colour:** White

**Odour:** Pleasant

**Solubility in water:** Highly soluble

**Flash point°C:** >100

**Relative density:** 1.10 - 1.15

**pH:** 8 - 9

**9.2. Other information**

**Other information:** No data available.

**Section 10: Stability and reactivity**

**10.1. Reactivity**

**Reactivity:** Stable under recommended storage and use conditions.

**10.2. Chemical stability**

**Chemical stability:** Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

**Hazardous reactions:** No hazardous reactions known under normal storage and use conditions.

**10.4. Conditions to avoid**

**Conditions to avoid:** Avoid temperatures below 5°C and above 30°C.

**10.5. Incompatible materials**

**Materials to avoid:** Strong oxidising agents. Strong acids.

**10.6. Hazardous decomposition products**

**Haz. decomp. products:** None known under normal storage and use conditions

**Section 11: Toxicological information**

**11.1. Information on toxicological effects**

**Relevant hazards for product:**

| Hazard                        | Route | Basis                 |
|-------------------------------|-------|-----------------------|
| Serious eye damage/irritation | OPT   | Hazardous: calculated |

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**Symptoms / routes of exposure**

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** No known effects or symptoms in normal use.

**Inhalation:** No known effects or symptoms in normal use.

**Section 12: Ecological information**

**12.1. Toxicity**

**Ecotoxicity values:** No data available.

**12.2. Persistence and degradability**

**Persistence and degradability:** Biodegradable.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No bioaccumulation potential.

**12.4. Mobility in soil**

**Mobility:** Soluble in water.

**12.5. Results of PBT and vPvB assessment**

**PBT identification:** This product is not identified as a PBT/vPvB substance.

**12.6. Other adverse effects**

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**Section 14: Transport information**

**Transport class:** This product does not require a classification for transport.

**Section 15: Regulatory information**

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

**Specific regulations:** Regulation (EC) No. 1907/2006 - REACH (Registration, Evaluation, Authorisation and Restriction of Chemicals)

Regulation (EC) No. 1272/2008 - CLP (classification, labelling and packaging of substances and mixtures)

**15.2. Chemical Safety Assessment**

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

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**Section 16: Other information**

**Other information**

**Other information:** according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** H302: Harmful if swallowed.  
H315: Causes skin irritation.  
H318: Causes serious eye damage.  
H319: Causes serious eye irritation.  
H400: Very toxic to aquatic life.

**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. This company shall not be held liable for any damage resulting from handling or from contact with the above product.