



SAFETY DATA SHEET

Jangro - Premium - FOAMING BACTERICIDAL CLEANER

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

| | |
|--------------------------------|-------------------------------------------------|
| Product name | Jangro - Premium - FOAMING BACTERICIDAL CLEANER |
| Product number | A010 JA |
| Internal identification | BC010-5 & BC010-75 |

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

| | |
|------------------------|--------------------------------------------|
| Identified uses | Acidic Hard Surface Cleaner for Washrooms. |
|------------------------|--------------------------------------------|

1.3. Details of the supplier of the safety data sheet

Supplier

Jangro Limited
 Jangro House
 Worsley Road
 Farnworth
 Bolton. UK
 BL4 9LU
 Tel: 01204 795 955
 Fax: 01204 579 499
 enquiries@jangrohq.net

1.4. Emergency telephone number

| | |
|----------------------------|-----------------------------------------------|
| Emergency telephone | 01772 318 818 - 8.30am to 4.45pm - Mon to Fri |
|----------------------------|-----------------------------------------------|

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

| | |
|------------------------------|--------------------------|
| Physical hazards | Not Classified |
| Health hazards | Eye Irrit. 2 - H319 |
| Environmental hazards | Aquatic Chronic 3 - H412 |

2.2. Label elements

Pictogram



Signal word

Warning

Hazard statements

H319 Causes serious eye irritation.
 H412 Harmful to aquatic life with long lasting effects.
 EUH208 Contains LIMONENE. May produce an allergic reaction.

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| | |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Precautionary statements | <p>P102 Keep out of reach of children.</p> <p>P280 Wear eye protection.</p> <p>P301 IF SWALLOWED:</p> <p>P313 Get medical advice/ attention.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P337+P313 If eye irritation persists: Get medical advice/ attention.</p> <p>P501 Dispose of contents/ container in accordance with local regulations.</p> |
| Contains | ALCOHOL (C9-C11) ETHOXYLATE (6EO) |

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

| | |
|-----------------------------------------------------------------------------------------------------|-------------|
| CITRIC ACID CAS number: 77-92-9 EC number: 201-069-1 | 3-5% |
| Classification Eye Irrit. 2 - H319 | |
| ALCOHOL (C9-C11) ETHOXYLATE (6EO) CAS number: 68439-46-3 Alternative CAS No 68439-45-2 | 1-3% |
| Classification Acute Tox. 4 - H302 Eye Dam. 1 - H318 | |
| 1-METHOXY-2-PROPANOL CAS number: 107-98-2 EC number: 203-539-1 | 1-3% |
| Classification Flam. Liq. 3 - H226 STOT SE 3 - H336 | |
| 3-BUTOXYPROPAN-2-OL CAS number: 5131-66-8 EC number: 225-878-4 | 1-3% |
| Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 | |

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| | | |
|---------------------------------------------------------------------------------------------------------------|------------------------|--------------------------------------------------|
| ALKYL DIMETHYLAMINE BETAINE | 0.1-1% | |
| CAS number: 66455-29-6 | EC number: 266-368-1 | |
| Classification | | |
| Skin Corr. 1B - H314 | | |
| Eye Dam. 1 - H318 | | |
| Aquatic Chronic 3 - H412 | | |
| ALKYL (C12-16) DIMETHYL BENZYL AMMONIUM CHLORIDE | 0.1-1% | |
| CAS number: 68424-85-1 | EC number: 270-325-2 | |
| M factor (Acute) = 10 | M factor (Chronic) = 1 | |
| Classification | | |
| Acute Tox. 4 - H302 | | |
| Skin Corr. 1B - H314 | | |
| Eye Dam. 1 - H318 | | |
| Aquatic Acute 1 - H400 | | |
| Aquatic Chronic 1 - H410 | | |
| LIMONENE | 0.1-1% | |
| CAS number: 5989-27-5 | EC number: 227-813-5 | |
| M factor (Chronic) = 1 | | |
| Classification | | |
| Flam. Liq. 3 - H226 | | |
| Skin Irrit. 2 - H315 | | |
| Skin Sens. 1 - H317 | | |
| Asp. Tox. 1 - H304 | | |
| Aquatic Chronic 1 - H410 | | |
| AMINES, N-C12-14 (EVENE NUMBERED) ALKYLTRIMETHYLENEDI- REACTION PRODUCT WITH CHLOROACETIC ACID | 0.1-1% | |
| CAS number: — | EC number: 941-419-7 | REACH registration number: 01-2120050368-56-0000 |
| M factor (Acute) = 10 | M factor (Chronic) = 1 | |
| Classification | | |
| Acute Tox. 4 - H302 | | |
| Skin Corr. 1B - H314 | | |
| Eye Dam. 1 - H318 | | |
| STOT RE 1 - H372 | | |
| Aquatic Acute 1 - H400 | | |
| Aquatic Chronic 1 - H410 | | |

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| | | |
|--------------------------|----------------------|--------------------------------------------------|
| DIETHYLENE GLYCOL | | 0.1-1% |
| CAS number: 111-46-6 | EC number: 203-872-2 | REACH registration number: 01-2119457857-21-0000 |
| Classification | | |
| Acute Tox. 4 - H302 | | |
| STOT RE 2 - H373 | | |

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 | Unlikely route of exposure as the product does not contain volatile substances. If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. |
| Ingestion | Do not induce vomiting. Give plenty of water to drink. Get medical attention if any discomfort continues. |
| Skin contact | Wash with plenty of water. |
| 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 any discomfort continues. |

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

| | |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| General information | The severity of the symptoms described will vary dependent on the concentration and the length of exposure. |
| Inhalation | No specific symptoms known. |
| Ingestion | No specific symptoms known. But - May cause discomfort if swallowed. |
| Skin contact | No specific symptoms known. But prolonged or excessively repeated skin contact could lead to removal of natural oils from skin. |
| Eye contact | May cause temporary eye irritation. Prolonged contact may cause redness and/or tearing. |

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

| | |
|-----------------------------|------------------------|
| Notes for the doctor | Treat symptomatically. |
|-----------------------------|------------------------|

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.

5.2. Special hazards arising from the substance or mixture

Specific hazards Thermal decomposition or combustion products may include the following substances:
Irritating gases or vapours.

5.3. Advice for firefighters

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

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Personal precautions Wear eye and face protection. For personal protection, see Section 8.

6.2. Environmental precautions

Environmental precautions Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Small Spillages: Flush away spillage with plenty of water. Large Spillages: Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Wear eye protection.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep only in the original container in a cool, well-ventilated place. Store away from the following materials: Oxidising materials.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

Usage description See Product Information Sheet & Label for detailed use of this product.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

1-METHOXY-2-PROPANOL

Long-term exposure limit (8-hour TWA): WEL 100 ppm 375 mg/m³

Short-term exposure limit (15-minute): WEL 150 ppm 560 mg/m³

Sk

DIETHYLENE GLYCOL

Long-term exposure limit (8-hour TWA): WEL 23 ppm 101 mg/m³

Short-term exposure limit (15-minute): WEL

WEL = Workplace Exposure Limit

Sk = Can be absorbed through the skin.

8.2. Exposure controls

Protective equipment



Appropriate engineering controls Not relevant.

Eye/face protection Wear eye protection.

Hand protection No specific hand protection noted, but protection for the skin is advisable to prevent removal of natural oils from skin.

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| | |
|---------------------------------------|--------------------------------------|
| Other skin and body protection | None required. |
| Respiratory protection | Respiratory protection not required. |

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

| | |
|----------------------------------------|----------------------------------|
| Appearance | Liquid. |
| Colour | Clear. Colourless. |
| Odour | Citrus. |
| pH | pH (concentrated solution): 2.30 |
| Melting point | -1°C |
| Initial boiling point and range | 101°C @ 760 mm Hg |
| Flash point | Boils without flashing. |
| Relative density | 1.017 @ 20°C |
| Solubility(ies) | Soluble in water. |

9.2. Other information

| | |
|--------------------------|-------|
| Other information | None. |
|--------------------------|-------|

SECTION 10: Stability and reactivity

10.1. Reactivity

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

10.2. Chemical stability

| | |
|------------------|-----------------------------------|
| Stability | No particular stability concerns. |
|------------------|-----------------------------------|

10.3. Possibility of hazardous reactions

| | |
|-------------------------------------------|--------------------------------|
| Possibility of hazardous reactions | See sections 10.1, 10.4 & 10.5 |
|-------------------------------------------|--------------------------------|

10.4. Conditions to avoid

| | |
|----------------------------|-----------------------------------------------------------------------------------|
| Conditions to avoid | There are no known conditions that are likely to result in a hazardous situation. |
|----------------------------|-----------------------------------------------------------------------------------|

10.5. Incompatible materials

| | |
|---------------------------|------------------------------------------------------------------------------------------------------------------|
| Materials to avoid | No specific material or group of materials is likely to react with the product to produce a hazardous situation. |
|---------------------------|------------------------------------------------------------------------------------------------------------------|

10.6. Hazardous decomposition products

| | |
|-----------------------------------------|--------------------------------------------|
| Hazardous decomposition products | No known hazardous decomposition products. |
|-----------------------------------------|--------------------------------------------|

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Toxicological effects | We have not carried out any animal testing for this product. Any ATE figures quoted below are from Toxicity Classifications that have been carried out using ATE (Acute Toxicity Estimate) Calculation Method using LD50 or ATE figures provided by the Raw Material Manufacturer. |
| Other health effects | Low oral toxicity, but ingestion may cause irritation of the gastro-intestinal tract. |

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Acute toxicity - oral

Notes (oral LD₅₀) Based on available data the classification criteria are not met.

ATE oral (mg/kg) 33,898.31

SECTION 12: Ecological Information

Ecotoxicity Harmful to aquatic life with long lasting effects.

12.1. Toxicity

Toxicity We have not carried out any Aquatic testing, therefore we have no Aquatic Toxicity Data specifically for this product. The Aquatic Toxicity Data, where provided by the raw material manufacturer for ingredients with aquatic toxicity, can be made available on request.

12.2. Persistence and degradability

Persistence and degradability The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

12.3. Bioaccumulative potential

Bioaccumulative potential The product does not contain any substances expected to be bioaccumulating.

12.4. Mobility in soil

Mobility Not known.

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 Not known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods Discharge used solutions to drain. Small amounts (less than 5 Litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal by approved waste contractor. Rinse out empty container with water and consign to normal waste.

SECTION 14: Transport information

General Not classified for Transport.

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 MARPOL and the IBC Code

SECTION 15: Regulatory information

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

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EU legislation Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 2015/830 (which amends Regulation (EC) No 453/2010 & 1907/2006).
The product is as classified under GHS/CLP- Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.
Ingredients are listed with classification under GHS/CLP - Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out as not applicable as this product is a mixture.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet PBT: Persistent, Bioaccumulative and Toxic substance.
vPvB: Very Persistent and Very Bioaccumulative.
ATE: Acute Toxicity Estimate.
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.
GHS: Globally Harmonized System.

Classification abbreviations and acronyms Acute Tox. = Acute toxicity
Aquatic Acute = Hazardous to the aquatic environment (acute)
Aquatic Chronic = Hazardous to the aquatic environment (chronic)
Asp. Tox. = Aspiration hazard
Eye Dam. = Serious eye damage
Eye Irrit. = Eye irritation
Flam. Liq. = Flammable liquid
Skin Corr. = Skin corrosion
Skin Irrit. = Skin irritation
Skin Sens. = Skin sensitisation
STOT SE = Specific target organ toxicity-single exposure

Key literature references and sources for data Material Safety Data Sheet, Miscellaneous manufacturers. CLP Class - Table 3.1 List of harmonised classification and labeling of hazardous substances. ECHA - C&L Inventory database.

Classification procedures according to Regulation (EC) 1272/2008 Calculation Method.

Revision comments Addition of Environmental Statement(s) due to change in M-Factor of a Raw Material. & Safety Data Sheet amended in accordance with REACH Commission Regulation (EU) No 2015/830 amendment. (Changes to Sections 2,3,15&16)

Revision date 12/01/2018

Revision 6

SDS status The Hazard Statements listed below in this Section No 16 relate to the Raw Materials (Ingredients) in the Product (as listed in Section 3) and NOT the product itself. For the Hazard Statements relating to this Product see Section 2.

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Hazard statements in full

H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H372 Causes damage to organs through prolonged or repeated exposure.
H373 May cause damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.
EUH208 Contains LIMONENE. May produce an allergic reaction.