



SAFETY DATA SHEET

Jangro - KITCHEN CLEANER SANITISER ODOURLESS

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

1.1. Product identifier

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| Product name | Jangro - KITCHEN CLEANER SANITISER ODOURLESS | |
| Product number | A026 JA | |
| Internal identification | BB010-5 | PCS No. 99212 |
| Synonyms; trade names | BPR Notification Number : Malta: 2017-09-27-B01a | |

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

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| Identified uses | Quaternary Ammonium based Liquid Disinfectant, for the Food Industry. |
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1.3. Details of the supplier of the safety data sheet

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| Supplier | UK: Jangro Limited Jangro House Worsley Road Farnworth Bolton. UK BL4 9LU Tel: 01204 795 955 Fax: 01204 579 499 enquiries@jangrohq.net | EU: Jangro Ltd Europe 6-9 Trinity Street Dublin 2 D02 EY47 Ireland Tel: 01 617 7911 |
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1.4. Emergency telephone number

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| Emergency telephone | 01772 318 818 - Mon to Thu 8.30am to 4.45pm - Fri 8.30am to 1.30pm |
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| National emergency telephone number | For Health Care Professionals only - For use in UK: Contact the National Poisons Information Service for further advice. For use in the Republic of Ireland: To report a poisoning incident contact The National Poisons Information Centre, Beaumont Hospital, Dublin (01-8092166). For use in Malta: Emergency services (Ambulance, Fire and Rescue, Police) : 112 |
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

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| Physical hazards | Not Classified |
| Health hazards | Skin Irrit. 2 - H315 Eye Dam. 1 - H318 |
| Environmental hazards | Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411 |

2.2. Label elements

Hazard pictograms



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| Signal word | Danger |
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Jangro - KITCHEN CLEANER SANITISER ODOURLESS

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| Hazard statements | H315 Causes skin irritation. H318 Causes serious eye damage. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects. |
| Precautionary statements | P102 Keep out of reach of children. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P301 IF SWALLOWED: P313 Get medical advice/ attention. P302+P352 IF ON SKIN: Wash with plenty of water. P332+P313 If skin irritation occurs: Get medical advice/ attention. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P315 Get immediate medical advice/ attention. P501 Dispose of contents/ container in accordance with local regulations. |
| Contains | ALKYL (C12-16) DIMETHYL BENZYL AMMONIUM CHLORIDE |

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

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| C12-15 ALCOHOL ETHOXYLATE (7EO) CAS number: 68131-39-5 M factor (Acute) = 1 | 3-5% |
| Classification Acute Tox. 4 - H302 Eye Dam. 1 - H318 Aquatic Acute 1 - H400 | |
| ALKYL (C12-16) DIMETHYL BENZYL AMMONIUM CHLORIDE CAS number: 68424-85-1 EC number: 270-325-2 M factor (Acute) = 10 M factor (Chronic) = 1 | 3-5% |
| Classification Acute Tox. 4 - H302 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410 | |

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

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| 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. |
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Jangro - KITCHEN CLEANER SANITISER ODOURLESS

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| Ingestion | Do not induce vomiting. Give plenty of water to drink. Get medical attention. |
| Skin contact | Wash with plenty of water. 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. Get medical attention immediately. |

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

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| General information | The severity of the symptoms described will vary dependent on the concentration and the length of exposure. |
| Inhalation | Irritation of nose, throat and airway. |
| Ingestion | May cause discomfort if swallowed. |
| Skin contact | Causes skin irritation. Prolonged and frequent contact may cause redness and irritation. |
| Eye contact | Severe irritation, burning and tearing. Prolonged contact causes serious eye and tissue damage. |

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

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| Notes for the doctor | Treat symptomatically. |
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SECTION 5: Firefighting measures

5.1. Extinguishing media

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| Suitable extinguishing media | The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. |
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5.2. Special hazards arising from the substance or mixture

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| Specific hazards | Thermal decomposition or combustion products may include the following substances: Irritating gases or vapours. |
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5.3. Advice for firefighters

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| Special protective equipment for firefighters | Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. |
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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| Personal precautions | Wear protective clothing, gloves, eye and face protection. For personal protection, see Section 8. |
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6.2. Environmental precautions

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| Environmental precautions | Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body. |
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6.3. Methods and material for containment and cleaning up

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| 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. |
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6.4. Reference to other sections

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| Reference to other sections | For personal protection, see Section 8. |
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

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| Usage precautions | For handling undiluted product: Wear protective clothing, gloves, eye and face protection. |
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Jangro - KITCHEN CLEANER SANITISER ODOURLESS

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

Ingredient comments No exposure limits known for ingredient(s).

8.2. Exposure controls

Protective equipment



Appropriate engineering controls Not relevant.

Eye/face protection Wear eye protection.

Hand protection Wear protective gloves. (Household rubber gloves.)

Other skin and body protection Wear appropriate clothing to prevent any possibility of skin contact.

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 Faint surfactant

pH pH (concentrated solution): 12.5

Melting point -1°C

Initial boiling point and range 101°C @ 760 mm Hg

Flash point Boils without flashing.

Relative density 1.014 @ 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

Jangro - KITCHEN CLEANER SANITISER ODOURLESS

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.

Acute toxicity - oral

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

ATE oral (mg/kg) 4,133.91

SECTION 12: Ecological information

Ecotoxicity Very toxic to aquatic life. Very toxic 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.

Jangro - KITCHEN CLEANER SANITISER ODOURLESS

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 as special waste. 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

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)
Eye Dam. = Serious eye damage
Skin Corr. = Skin corrosion
Skin Irrit. = Skin irritation

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

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

Jangro - KITCHEN CLEANER SANITISER ODOURLESS

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| Revision comments | Change of Address. & Addition of national emergency telephone number. |
| Revision date | 06/03/2018 |
| Revision | 7 |
| 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. |
| Hazard statements in full | H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H318 Causes serious eye damage. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. |