



SAFETY DATA SHEET

JANGRO - TOILET & WASHROOM CLEANER DESCALER

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

1.1. Product identifier

Product name JANGRO - TOILET & WASHROOM CLEANER DESCALER
Product number A174 JA
Internal identification BC045-1 & BC045-5

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

Identified uses Acidic Descaling Toilet Cleaner and 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 Not Classified

2.2. Label elements

Pictogram



Signal word Warning
Hazard statements H319 Causes serious eye irritation.

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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 (C9-11) ETHOXYLATE (8EO) |

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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| SULPHAMIC ACID CAS number: 5329-14-6 EC number: 226-218-8 | 5-10% |
| Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Aquatic Chronic 3 - H412 | |
| ALCOHOL (C9-11) ETHOXYLATE (8EO) CAS number: 68439-45-2 Alternative CAS No 13598-36-2 | 1-3% |
| Classification Acute Tox. 4 - H302 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

| | |
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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. |
| 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

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| General information | The severity of the symptoms described will vary dependent on the concentration and the length of exposure. |
| Inhalation | No specific symptoms known. |

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|---------------------|---|
| 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

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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 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 | Avoid contact with eyes. |
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7.2. Conditions for safe storage, including any incompatibilities

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| Storage precautions | Keep only in the original container in a cool, well-ventilated place. Store away from the following materials: Oxidising materials. (eg Hypochlorite / Bleach) |
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7.3. Specific end use(s)

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| Specific end use(s) | The identified uses for this product are detailed in Section 1.2. |
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| Usage description | See Product Information Sheet & Label for detailed use of this product. |
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SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

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8.2. Exposure controls

Protective equipment



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|----------------------------------|---|
| 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. |
| 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

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| Appearance | Viscous liquid. |
| Colour | Turquoise. |
| Odour | Aqua |
| pH | pH (concentrated solution): 1.30 |
| Melting point | -1°C |
| Initial boiling point and range | 101°C @ 760 mm Hg |
| Flash point | Boils without flashing. |
| Relative density | 1.040 @ 20°C |
| Solubility(ies) | Soluble in water. |

9.2. Other information

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|-------------------|-------|
| Other information | None. |
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SECTION 10: Stability and reactivity

10.1. Reactivity

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| Reactivity | Reacts with alkalis and generates heat. |
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10.2. Chemical stability

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|-----------|-----------------------------------|
| Stability | No particular stability concerns. |
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10.3. Possibility of hazardous reactions

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| Possibility of hazardous reactions | See sections 10.1,10.4 & 10.5 |
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10.4. Conditions to avoid

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

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| Materials to avoid | Strong alkalis. Chlorine releasing materials will liberate toxic chlorine gas. |
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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) 66,667.33

SECTION 12: Ecological Information

Ecotoxicity Not regarded as dangerous for the environment.

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

14.1. UN number

UN No. (ADR/RID) 3264

UN No. (IMDG) 3264

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UN No. (ICAO) 3264

14.2. UN proper shipping name

Proper shipping name (ADR/RID) CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (sulphamic acid)

Proper shipping name (IMDG) CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (sulphamic acid)

Proper shipping name (ICAO) CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (sulphamic acid)

14.3. Transport hazard class(es)

ADR/RID class Class 8 : Corrosive Substances.

ADR/RID label 8

IMDG class Class 8: Corrosive substances.

ICAO class/division Class 8: Corrosive substances.

Transport labels



14.4. Packing group

ADR/RID packing group III

IMDG packing group III

ICAO packing group III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

EmS F-A, S-B

Tunnel restriction code (E)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not relevant. for a packaged product.

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.

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SECTION 16: Other information

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| Abbreviations and acronyms used in the safety data sheet | <p>PBT: Persistent, Bioaccumulative and Toxic substance.</p> <p>vPvB: Very Persistent and Very Bioaccumulative.</p> <p>ATE: Acute Toxicity Estimate.</p> <p>ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.</p> <p>IMDG: International Maritime Dangerous Goods.</p> <p>ICAO-TI: Technical Instructions for the Safe Transport of Dangerous Goods by Air.</p> <p>REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.</p> <p>GHS: Globally Harmonized System.</p> |
| Classification abbreviations and acronyms | <p>Acute Tox. = Acute toxicity</p> <p>Aquatic Chronic = Hazardous to the aquatic environment (chronic)</p> <p>Eye Dam. = Serious eye damage</p> <p>Eye Irrit. = Eye irritation</p> <p>Skin Irrit. = Skin irritation</p> |
| 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 | Safety Data Sheet amended in accordance with REACH Commission Regulation (EU) No 2015/830 amendment. (Changes to Sections 2,3,15&16) |
| Revision date | 01/08/2017 |
| Revision | 5 |
| 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 | <p>H302 Harmful if swallowed.</p> <p>H315 Causes skin irritation.</p> <p>H318 Causes serious eye damage.</p> <p>H319 Causes serious eye irritation.</p> <p>H412 Harmful to aquatic life with long lasting effects.</p> |