



SAFETY DATA SHEET

Jangro - Enviro Concentrate - K5 KITCHEN DEGREASER

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

1.1. Product identifier

| | |
|--------------------------------|--|
| Product name | Jangro - Enviro Concentrate - K5 KITCHEN DEGREASER |
| Product number | A107 JA |
| Internal identification | BB471-1 |
| UFI | UFI: 3PQA-0XSX-Y20S-NRDS |

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

| | |
|------------------------|-------------------------------|
| Identified uses | Super concentrated degreaser. |
|------------------------|-------------------------------|

1.3. Details of the supplier of the safety data sheet

| | | |
|-----------------|---|--|
| Supplier | UK: Jangro Limited 1A Parklands 3rd Floor Lostock Bolton, UK BL6 4SD Tel: 01204 795 955 Fax: 01204 579 499 enquiries@jangrohq.net | Europe: Jangro (Europe) Limited 6-9 Trinity Street Dublin 2 D02 EY47 Ireland Tel: 01 617 7911 |
|-----------------|---|--|

Emergency telephone number

| | |
|----------------------------|--|
| 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). |
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (SI 2019 No. 720)

| | |
|------------------------------|-------------------|
| Physical hazards | Not Classified |
| Health hazards | Eye Dam. 1 - H318 |
| Environmental hazards | Not Classified |

2.2. Label elements

Hazard pictograms



| | |
|--------------------------|---------------------------------|
| Signal word | Danger |
| Hazard statements | H318 Causes serious eye damage. |

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Precautionary statements

P102 Keep out of reach of children.
 P280 Wear eye protection.
 P301 IF SWALLOWED:
 P313 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 COCAMIDOPROPYL BETAINE

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB. Including - Endocrine disrupting properties: None known.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

COCAMIDOPROPYL BETAINE

5-10%

CAS number: 61789-40-0

EC number: 931-296-8

Spec Conc Limits :- Eye Dam. 1 (H318) >10%, Eye Irrit. 2 (H319) >4% <=10%

Classification

Eye Dam. 1 - H318

Aquatic Chronic 3 - H412

SODIUM (C12-14) ALKYL ETHOXY SULPHATE

5-10%

CAS number: 68891-38-3

EC number: 500-234-8

Spec Conc Limits :- Eye Dam. 1 (H318) >=30%, Eye Irrit. 2 (H319) >10% <30%, NC (Not Classified) <=10%

Classification

Skin Irrit. 2 - H315

Eye Dam. 1 - H318

Aquatic Chronic 3 - H412

ALCOHOL (C9-11) ETHOXYLATE (8EO)

5-10%

CAS number: 68439-46-3

Alternative CAS Nos 160875-66-1, 68439-45-2

Classification

Acute Tox. 4 - H302

Eye Dam. 1 - H318

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| | |
|---|----------------------|
| BRONOPOL (INN) | 1-3% |
| CAS number: 52-51-7 | EC number: 200-143-0 |
| M factor (Acute) = 10 | |
| Classification Acute Tox. 3 - H301 Acute Tox. 4 - H312 Acute Tox. 3 - H331 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 STOT SE 3 - H335 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411 | |

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. |
| 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. Get medical attention immediately. |

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 | 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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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 Store at moderate temperatures in dry, well ventilated area. Keep only in the original container. 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 applicable.

Eye/face protection Wear eye protection.

Hand protection No specific hand protection recommended. For prolonged or repeated skin contact use suitable protective gloves.

Other skin and body protection None required.

Respiratory protection Respiratory protection not required.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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|---|----------------------------------|
| Appearance | Clear liquid. |
| Colour | Yellow. |
| Odour | Detergent. |
| pH | pH (concentrated solution): 6.00 |
| Melting point | -1°C |
| Initial boiling point and range | 100°C @ 760 mm Hg |
| Flash point | Boils without flashing. |
| Flammability (solid, gas) | Not applicable. |
| Upper/lower flammability or explosive limits | Not applicable. |
| Vapour pressure | Not available. |
| Vapour density | Not available. |
| Relative density | 1.026 @ 20°C |
| Solubility(ies) | Soluble in water. |
| Partition coefficient | Not applicable. |
| Auto-ignition temperature | Not applicable. |
| Decomposition Temperature | Not applicable. |
| Viscosity | Not available. |
| <u>9.2. Other information</u> | |
| Other information | None. |
| Particle size | Not applicable. |

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

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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) 5,921.52

Acute toxicity - dermal

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

ATE dermal (mg/kg) 92,685.28

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Based on available data the classification criteria are not met.

ATE inhalation (dusts/mists mg/l) 42.13

Skin corrosion/irritation

Skin corrosion/irritation Causes severe burns.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye damage.

Respiratory sensitisation

Summary Not applicable.

Skin sensitisation

Summary Not applicable.

Germ cell mutagenicity

Summary Not applicable.

Carcinogenicity

Summary Not applicable.

Reproductive toxicity

Summary Not applicable.

Specific target organ toxicity - single exposure

Summary Not applicable.

Specific target organ toxicity - repeated exposure

Summary Not applicable.

Aspiration hazard

Summary Not applicable.

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11.2 Information on other Hazards None known.
11.2.1 Endocrine disrupting properties

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 The Detergents Regulations (as amended). and UK Regulation: SI 2020 No. 1617 "The Detergents (Amendment) (EU Exit) Regulations 2020".

12.3. Bioaccumulative potential

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

Partition coefficient Not applicable.

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 Endocrine disrupting properties None known.

12.6. Other adverse effects

Other adverse effects Now section 12.7: None 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 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

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not regulated.

14.4. Packing group

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Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

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 applicable.

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 EU Regulation: "REACH Commission Regulation (EU) No 2020/878 (which amends Regulation (EC) No 2015/830, 453/2010 & 1907/2006)." and UK Regulation: "SI 2020 No. 1577 - The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020".

The product is as classified under - EU GHS: CLP - "Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures." and UK GHS: "SI 2020 No. 1567 - The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2020".

Ingredients are listed with classification under - EU GHS: CLP - "Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures." and UK GHS: "SI 2020 No. 1567 - The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2020".

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: The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577.
GHS: Globally Harmonized System.
Spec Conc Limits = Specific Concentration Limits.

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 Irrit. = Skin irritation
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 labelling of hazardous substances. ECHA - C&L Inventory database.

Classification procedures according to SI 2019 No. 720

Calculation Method.

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| | |
|----------------------------------|---|
| Revision comments | New address (Changes made to sections 1 +16) |
| Revision date | 11/01/2024 |
| 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 | H301 Toxic if swallowed. H302 Harmful if swallowed. H312 Harmful in contact with skin. H315 Causes skin irritation. H318 Causes serious eye damage. H331 Toxic if inhaled. H335 May cause respiratory irritation. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects. |