



## SAFETY DATA SHEET

### Jangro Kitchen Degreaser Heavy Duty BB002-5

Compiled in Accordance with EU and GB REACH and CLP Regulations.

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

##### 1.1. Product identifier

|                                |   |
|--------------------------------|---|
| <b>Product name</b>            | Jangro Kitchen Degreaser Heavy Duty BB002-5 |
| <b>Product number</b>          | BB002-5                                     |
| <b>Internal identification</b> | 800-212-0015                                |
| <b>Container size</b>          | 5 litres                                    |
| <b>UFI</b>                     | UFI: RK8G-TN4K-NM76-8MG0                    |

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

|                             |   |
|-----------------------------|---|
| <b>Identified uses</b>      | Detergent.  |
| <b>Uses advised against</b> | Not for Oral Consumption. Use only for intended applications. |

##### 1.3. Details of the supplier of the safety data sheet

|                       |   |
|-----------------------|---|
| <b>Supplier</b>       | Jangro Limited<br>Parklands 1A<br>3rd Floor<br>Lostock<br>Bolton<br>BL6 4SD<br><br>Tel. 01204 795955<br><br>Jangro (Europe) Ltd<br>6-9 Trinity Street, Dublin 2<br>D02 EY47<br>Ireland<br>Tel.016177911 |
| <b>Contact person</b> | For content of safety data sheet:, enquiries@jangrohq.net   |

##### 1.4. Emergency telephone number

|  |   |
|--|---|
| <b>Emergency telephone</b>                 | +44 (0) 1204 795 955 (Jangro)   |
| <b>National emergency telephone number</b> | UK:<br>In case of a medical emergency following exposure to a chemical call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24<br>Ireland: For information or to report a poisoning incident contact The National Poisons Information Centre (01 8092166) |

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### Classification (SI 2019 No. 720)

|                         |                |
|-------------------------|----------------|
| <b>Physical hazards</b> | Not Classified |
|-------------------------|----------------|

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**Health hazards** Skin Corr. 1 - H314 Eye Dam. 1 - H318

**Environmental hazards** Not Classified

### 2.2. Label elements

#### Hazard pictograms



**Signal word** Danger

**Hazard statements** H314 Causes severe skin burns and eye damage.

**Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.  
 P264 Wash contaminated skin thoroughly after handling.  
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
 P261 Avoid breathing vapour/ spray.  
 P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.  
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P310 Immediately call a POISON CENTER/ doctor.  
 P501 Dispose of contents/ container in accordance with national regulations.

**Contains** 2-(2-BUTOXYETHOXY)ETHANOL, SODIUM HYDROXIDE, AMINES, C12-14 - ALKYLDIMETHYL, N-OXIDES, D-GLUCOPYRANOSE, OLIGOMERIC, C8-10 GLYCOSIDES

**Detergent labelling** < 5% non-ionic surfactants

**Supplementary precautionary statements**

P102 Keep out of reach of children.  
 P103 Read label before use.  
 P321 Specific treatment (see medical advice on this label).  
 P363 Wash contaminated clothing before reuse.  
 P405 Store locked up.

### 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

|                                  |             |
|----------------------------------|-------------|
| <b>2-(2-BUTOXYETHOXY)ETHANOL</b> | <b>1-5%</b> |
|----------------------------------|-------------|

|                      |                      |
|----------------------|----------------------|
| CAS number: 112-34-5 | EC number: 203-961-6 |
|----------------------|----------------------|

#### Classification

Eye Irrit. 2 - H319

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|  |  |  |
|--|--|--|
| <b>SODIUM HYDROXIDE</b>                              |  | <b>1-5%</b>                                      |
| CAS number: 1310-73-2                                |  | EC number: 215-185-5                             |
| <b>Classification</b>                                |  |  |
| Met. Corr. 1 - H290                                  |  |  |
| Skin Corr. 1A - H314                                 |  |  |
| Eye Dam. 1 - H318                                    |  |  |
| <b>AMINES, C12-14 -ALKYLDIMETHYL, N-OXIDES</b>       |  | <b>1-5%</b>                                      |
| CAS number: 308062-28-4                              |  | EC number: 931-292-6                             |
| M factor (Acute) = 1                                 |  |  |
| <b>Classification</b>                                |  | <b>Classification (67/548/EEC or 1999/45/EC)</b> |
| Acute Tox. 4 - H302                                  |  | Xn;R22. Xi;R38,R41. N;R50.                       |
| Skin Irrit. 2 - H315                                 |  |  |
| Eye Dam. 1 - H318                                    |  |  |
| Aquatic Acute 1 - H400                               |  |  |
| Aquatic Chronic 2 - H411                             |  |  |
| <b>D-GLUCOPYRANOSE, OLIGOMERIC, C8-10 GLYCOSIDES</b> |  | <b>1-5%</b>                                      |
| CAS number: 68515-73-1                               |  | EC number: 500-220-1                             |
| <b>Classification</b>                                |  |  |
| 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

|                                   |   |
|-----------------------------------|---|
| <b>General information</b>        | Get medical attention immediately. Provide eyewash station and safety shower.   |
| <b>Inhalation</b>                 | Remove affected person from source of contamination. Keep affected person warm and at rest. Get medical attention immediately. For breathing difficulties, oxygen may be necessary.   |
| <b>Ingestion</b>                  | Never give anything by mouth to an unconscious person. Rinse mouth thoroughly with water. Give plenty of water to drink. Do not induce vomiting. Get medical attention immediately. Show this Safety Data Sheet to the medical personnel. |
| <b>Skin contact</b>               | Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing.  |
| <b>Eye contact</b>                | Remove affected person from source of contamination. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.                              |
| <b>Protection of first aiders</b> | First aid personnel should wear appropriate protective equipment during any rescue.   |

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

|                            |   |
|----------------------------|---|
| <b>General information</b> | The severity of the symptoms described will vary dependent on the concentration and the length of exposure. Chemical burns must be treated by a physician. Get medical attention immediately. |
| <b>Inhalation</b>          | Severe irritation of nose and throat. May cause an asthma-like shortness of breath.   |

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|                     |   |
|---------------------|---|
| <b>Ingestion</b>    | This product is corrosive. May cause chemical burns in mouth, oesophagus and stomach.   |
| <b>Skin contact</b> | May cause serious chemical burns to the skin.   |
| <b>Eye contact</b>  | This product is corrosive. A single exposure may cause the following adverse effects: Severe irritation, burning, tearing and blurred vision. Prolonged contact causes serious eye and tissue damage. Corneal damage. |

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

|                             |  |
|-----------------------------|--|
| <b>Notes for the doctor</b> | Treat symptomatically. Remove contaminated clothing immediately and wash skin with soap and water. |
|-----------------------------|--|

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

|                                     |   |
|-------------------------------------|---|
| <b>Suitable extinguishing media</b> | The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Foam, carbon dioxide or dry powder. |
|-------------------------------------|---|

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

|                         |  |
|-------------------------|--|
| <b>Specific hazards</b> | In contact with some metals can generate hydrogen gas, which can form explosive mixtures with air. Avoid contact with the following materials: Aluminium. Zinc. Avoid contact with water. May generate heat. |
|-------------------------|--|

### 5.3. Advice for firefighters

|  |   |
|--|---|
| <b>Protective actions during firefighting</b>        | Control run-off water by containing and keeping it out of sewers and watercourses.                    |
| <b>Special protective equipment for firefighters</b> | 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

|                             |   |
|-----------------------------|---|
| <b>Personal precautions</b> | Wear protective clothing as described in Section 8 of this safety data sheet. |
|-----------------------------|---|

### 6.2. Environmental precautions

|                                  |  |
|----------------------------------|--|
| <b>Environmental precautions</b> | Avoid or minimise the creation of any environmental contamination. 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

|                                |  |
|--------------------------------|--|
| <b>Methods for cleaning up</b> | Do not touch or walk into spilled material. Stop leak if safe to do so. Small Spillages: Flush away spillage with plenty of water. Large Spillages: Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Collect and place in suitable waste disposal containers and seal securely. |
|--------------------------------|--|

### 6.4. Reference to other sections

|                                    |   |
|------------------------------------|---|
| <b>Reference to other sections</b> | For waste disposal, see Section 13. See Section 11 for additional information on health hazards. See Section 1 for emergency contact information. |
|------------------------------------|---|

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

|                          |  |
|--------------------------|--|
| <b>Usage precautions</b> | Avoid contact with skin and eyes. Avoid spilling. Wear protective clothing as described in Section 8 of this safety data sheet. Avoid the formation of mists. Provide adequate ventilation. Do not mix with other chemicals or detergents. |
|--------------------------|--|

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### Advice on general occupational hygiene

Good personal hygiene procedures should be implemented. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Eye wash facilities and emergency shower must be available when handling this product. Wash promptly with soap and water if skin becomes contaminated. Take off immediately all contaminated clothing and wash it before reuse.

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

#### Storage precautions

Store in tightly-closed, original container in a well-ventilated place. Store away from the following materials: Acids. Oxidising materials.

#### Storage class

Corrosive storage.

### 7.3. Specific end use(s)

#### Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

#### Occupational exposure limits

#### 2-(2-BUTOXYETHOXY)ETHANOL

Long-term exposure limit (8-hour TWA): WEL 10 ppm 67.5 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 15 ppm 101.2 mg/m<sup>3</sup>

#### SODIUM HYDROXIDE

Short-term exposure limit (15-minute): WEL 2 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit.

#### 2-(2-BUTOXYETHOXY)ETHANOL (CAS: 112-34-5)

#### DNEL

Workers - Inhalation; Long term systemic effects: 67.5 mg/m<sup>3</sup>  
 Workers - Inhalation; Long term local effects: 67.5 mg/m<sup>3</sup>  
 Workers - Dermal; Long term systemic effects: 20 mg/kg/day  
 General population - Inhalation; Long term systemic effects: 34 mg/m<sup>3</sup>  
 General population - Inhalation; Long term local effects: 34 mg/m<sup>3</sup>  
 General population - Inhalation; Short term local effects: 34 mg/m<sup>3</sup>  
 General population - Inhalation; Short term local effects: 50.6 mg/m<sup>3</sup>  
 General population - Dermal; Long term systemic effects: 10 mg/kg/day  
 General population - Oral; Long term systemic effects: 1.25 mg/kg/day

#### PNEC

- Fresh water; 1 mg/l  
 - marine water; 0.1 mg/l  
 - Intermittent release; 3.9 mg/l  
 - STP; 200 mg/l  
 - Sediment (Freshwater); 4 mg/kg  
 - Sediment (Marinewater); 0.4 mg/kg  
 - Soil; 0.4 mg/kg

#### SODIUM HYDROXIDE (CAS: 1310-73-2)

#### DNEL

Industry - Inhalation; Long term local effects: 1.0 mg/m<sup>3</sup>  
 Consumer - Inhalation; Long term local effects: 1.0 mg/m<sup>3</sup>

#### AMINES, C12-14 -ALKYLDIMETHYL, N-OXIDES (CAS: 308062-28-4)

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|             |  |
|-------------|--|
| <b>DNEL</b> | <p>Workers - Inhalation; Long term systemic effects: 15.5 mg/m<sup>3</sup></p> <p>Workers - Dermal; Long term systemic effects: 11 mg/kg/day</p> <p>General population - Inhalation; Long term systemic effects: 3.8 mg/m<sup>3</sup></p> <p>General population - Dermal; Long term systemic effects: 5.5 mg/kg/day</p> <p>General population - Oral; Long term systemic effects: 0.44 mg/kg/day</p> |
| <b>PNEC</b> | <p>- Fresh water; 0.034 mg/l</p> <p>- marine water; 0.003 mg/l</p> <p>- STP; 24 mg/l</p> <p>- Sediment (Freshwater); 5.24 mg/kg</p> <p>- Sediment (Marinewater); 0.524 mg/kg</p> <p>- Soil; 1.02 mg/kg</p>   |

### D-GLUCOPYRANOSE, OLIGOMERIC, C8-10 GLYCOSIDES (CAS: 68515-73-1)

|             |  |
|-------------|--|
| <b>DNEL</b> | <p>Workers - Inhalation; Long term systemic effects: 420 mg/m<sup>3</sup></p> <p>Workers - Dermal; Long term systemic effects: 595000 mg/kg/day</p> <p>General population - Inhalation; Long term systemic effects: 124 mg/m<sup>3</sup></p> <p>General population - Dermal; Long term systemic effects: 357000 mg/kg/day</p> <p>General population - Oral; Long term systemic effects: 35.7 mg/kg</p> |
| <b>PNEC</b> | <p>- Fresh water; 0.176 mg/l</p> <p>- marine water; 0.0176 mg/l</p> <p>- Intermittent release; 0.27 mg/l</p> <p>- STP; 560 mg/l</p> <p>- Sediment (Freshwater); 1.516 mg/l</p> <p>- Sediment (Marinewater); 0.152 mg/l</p>   |

### ALCOHOLS, C12-14, ETHOXYLATED (CAS: 68439-50-9)

|             |   |
|-------------|---|
| <b>DNEL</b> | <p>Workers - Inhalation; Long term systemic effects: 294 mg/m<sup>3</sup></p> <p>Workers - Dermal; Long term systemic effects: 2080 mg/kg/day</p> <p>General population - Inhalation; Long term systemic effects: 87 mg/m<sup>3</sup></p> <p>General population - Dermal; Long term systemic effects: 1250 mg/kg/day</p> <p>General population - Oral; Long term systemic effects: 25 mg/kg/day</p> |
| <b>PNEC</b> | <p>- Fresh water; 0.0437 mg/l</p> <p>- Intermittent release; 0.004 mg/l</p> <p>- STP; 10 mg/l</p> <p>- Sediment (Freshwater); 31 mg/kg</p> <p>- Sediment (Marinewater); 31 mg/kg</p> <p>- Soil; 1 mg/kg</p>   |

## 8.2. Exposure controls

### Protective equipment



### Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

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|  |  |
|--|--|
| <b>Personal protection</b>             | This is not a Risk/COSHH assessment. Information contained in this document should be used to conduct a risk assessment.<br>Information given in this document relates to the neat product as supplied. In use solutions are likely to have extreme pH values, thus use of gloves and eye protection is recommended where the assessment indicates a risk of exposure. |
| <b>Eye/face protection</b>             | During the manufacture and filling of this product eye protection is recommended refer to EN166. In normal use, eye protection should be used if there is risk of eye contact (for examples splashing, dripping or leaking pumps/hoses).   |
| <b>Hand protection</b>                 | Wear protective gloves. Neoprene. Nitrile rubber. Polyethylene. Polyvinyl chloride (PVC). A break through time of >60 minutes is suggested. Gloves should be inspected regularly for damage.   |
| <b>Other skin and body protection</b>  | Wear appropriate clothing to prevent any possibility of skin contact.  |
| <b>Hygiene measures</b>                | Provide eyewash station and safety shower. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated.   |
| <b>Respiratory protection</b>          | No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. Particulate filter, type P2. Particulate filters should comply with European Standard EN143.   |
| <b>Environmental exposure controls</b> | Avoid releasing into the environment. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.   |

### SECTION 9: Physical and chemical properties

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

|   |   |
|---|---|
| <b>Appearance</b>                                   | Liquid.                                   |
| <b>Colour</b>                                       | Colourless.                               |
| <b>Odour</b>  | Unperfumed.                               |
| <b>Odour threshold</b>                              | Not available.                            |
| <b>pH</b>   | Concentrate pH >13.                       |
| <b>Melting point</b>                                | Not determined.                           |
| <b>Initial boiling point and range</b>              | No information available.                 |
| <b>Flash point</b>                                  | This product does not sustain combustion. |
| <b>Evaporation rate</b>                             | No information available.                 |
| <b>Evaporation factor</b>                           | No information available.                 |
| <b>Flammability (solid, gas)</b>                    | Not applicable.                           |
| <b>Upper/lower flammability or explosive limits</b> | No information available.                 |
| <b>Other flammability</b>                           | Not applicable.                           |
| <b>Vapour pressure</b>                              | No information available.                 |
| <b>Vapour density</b>                               | No information available.                 |
| <b>Relative density</b>                             | ~ 1.040 @ 20°C                            |
| <b>Solubility(ies)</b>                              | Soluble in water.                         |

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|   |  |
|---|--|
| <b>Partition coefficient</b>                    | Not technically possible for a mixture.  |
| <b>Auto-ignition temperature</b>                | No information available.  |
| <b>Decomposition Temperature</b>                | Not determined.  |
| <b>Viscosity</b>                                | Not determined.  |
| <b>Explosive properties</b>                     | There are no chemical groups present in the product that are associated with explosive properties. |
| <b>Explosive under the influence of a flame</b> | Not considered to be explosive.  |
| <b>Oxidising properties</b>                     | There are no chemical groups present in the product that are associated with oxidising properties. |
| <b>Comments</b>                                 | Information given is applicable to the product as supplied.  |

### 9.2. Other information

|                          |               |
|--------------------------|---------------|
| <b>Other information</b> | Not relevant. |
|--------------------------|---------------|

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

|                   |   |
|-------------------|---|
| <b>Reactivity</b> | Reactions with the following materials may generate heat: Water. Strong acids. In contact with some metals can generate hydrogen gas, which can form explosive mixtures with air. Avoid contact with the following materials: Aluminium. Zinc. Tin. |
|-------------------|---|

### 10.2. Chemical stability

|                  |  |
|------------------|--|
| <b>Stability</b> | Stable at normal ambient temperatures. |
|------------------|--|

### 10.3. Possibility of hazardous reactions

|   |   |
|---|---|
| <b>Possibility of hazardous reactions</b> | The following materials may react violently with the product: Chlorohydrocarbons. Acids. Reactions with the following materials may generate heat: Water. |
|---|---|

### 10.4. Conditions to avoid

|                            |   |
|----------------------------|---|
| <b>Conditions to avoid</b> | Avoid excessive heat for prolonged periods of time. |
|----------------------------|---|

### 10.5. Incompatible materials

|                           |   |
|---------------------------|---|
| <b>Materials to avoid</b> | Acids. Ammonia. Chlorinated hydrocarbons. Aluminium. Tin. Zinc. |
|---------------------------|---|

### 10.6. Hazardous decomposition products

|   |           |
|---|-----------|
| <b>Hazardous decomposition products</b> | Hydrogen. |
|---|-----------|

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                              |   |
|------------------------------|---|
| <b>Toxicological effects</b> | Information given is based on data of the components and of similar products. |
|------------------------------|---|

#### Acute toxicity - oral

|                                     |  |
|-------------------------------------|--|
| <b>Notes (oral LD<sub>50</sub>)</b> | Based on available data the classification criteria are not met. |
|-------------------------------------|--|

|                         |           |
|-------------------------|-----------|
| <b>ATE oral (mg/kg)</b> | 53,737.37 |
|-------------------------|-----------|

#### Acute toxicity - dermal

|                                       |  |
|---------------------------------------|--|
| <b>Notes (dermal LD<sub>50</sub>)</b> | Based on available data the classification criteria are not met. |
|---------------------------------------|--|

#### Acute toxicity - inhalation



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|  |  |
|--|--|
| <b>Notes (inhalation LC<sub>50</sub>)</b>                        | Based on available data the classification criteria are not met.   |
| <b><u>Skin corrosion/irritation</u></b>                          |  |
| <b>Skin corrosion/irritation</b>                                 | Causes severe burns.   |
| <b>Extreme pH</b>  | ≥ 11.5 Corrosive to skin.  |
| <b><u>Serious eye damage/irritation</u></b>                      |  |
| <b>Serious eye damage/irritation</b>                             | Corrosivity to eyes is assumed.  |
| <b><u>Respiratory sensitisation</u></b>                          |  |
| <b>Respiratory sensitisation</b>                                 | Not sensitising. Based on available data the classification criteria are not met.  |
| <b><u>Skin sensitisation</u></b>                                 |  |
| <b>Skin sensitisation</b>  | Based on available data the classification criteria are not met.   |
| <b><u>Germ cell mutagenicity</u></b>                             |  |
| <b>Genotoxicity - in vitro</b>                                   | Does not contain any substances known to be mutagenic.   |
| <b><u>Carcinogenicity</u></b>                                    |  |
| <b>Carcinogenicity</b>   | Does not contain any substances known to be carcinogenic.  |
| <b><u>Reproductive toxicity</u></b>                              |  |
| <b>Reproductive toxicity - fertility</b>                         | Does not contain any substances known to be toxic to reproduction.   |
| <b><u>Specific target organ toxicity - single exposure</u></b>   |  |
| <b>STOT - single exposure</b>                                    | Not classified as a specific target organ toxicant after a single exposure.  |
| <b><u>Specific target organ toxicity - repeated exposure</u></b> |  |
| <b>STOT - repeated exposure</b>                                  | Not classified as a specific target organ toxicant after repeated exposure.  |
| <b><u>Aspiration hazard</u></b>                                  |  |
| <b>Aspiration hazard</b>   | Not classified.  |
| <b>Inhalation</b>  | Irritation of nose, throat and airway.   |
| <b>Ingestion</b>   | This product is corrosive. May cause burns in mucous membranes, throat, oesophagus and stomach.  |
| <b>Skin contact</b>  | This product is corrosive. Prolonged or repeated exposure may cause the following adverse effects: Severe skin irritation. Redness. Burns can occur. |
| <b>Eye contact</b>   | This product is corrosive. A single exposure may cause the following adverse effects: Irritation. Redness. Chemical burns.                           |

### 11.2 Information on other hazards

|  |  |
|--|--|
| <b>11.2.1. Endocrine disrupting properties</b> | This product is not classified as, nor contains substances classed as having endocrine disrupting characteristics at levels >0.1% by weight (according to Regulation (EU) 2018/605). |
| <b>11.2.2 Other information</b>                | None known   |

## SECTION 12: Ecological information

**Ecotoxicity** There are no data on the ecotoxicity of this product.

### 12.1. Toxicity

**Toxicity** The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms.

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### Acute aquatic toxicity

**Acute toxicity - aquatic plants** May cause long lasting harmful effects to aquatic life.

**Acute toxicity - terrestrial** Can cause damage to vegetation.

### 12.2. Persistence and degradability

**Persistence and degradability** Degrades very slowly in nature.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** The product is not bioaccumulating.

**Partition coefficient** Not technically possible for a mixture.

### 12.4. Mobility in soil

**Mobility** The product is water-soluble and may spread in water systems.

### 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

**Endocrine disrupting properties** This product is not classified as, nor contains substances classed as having endocrine disrupting characteristics at levels >0.1% by weight (according to Regulation (EU) 2018/605).

### 12.6. Other adverse effects

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** Waste is classified as hazardous waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. When handling waste, the safety precautions applying to handling of the product should be considered.

**Disposal methods** The packaging must be empty (drop-free when inverted). Wash with plenty of water. Dispose of waste via a licensed waste disposal contractor. Reuse or recycle products wherever possible.

**Waste class** EWC Code: 06 02 04

## SECTION 14: Transport information

### 14.1. UN number

**UN No. (ADR/RID)** 1824

**UN No. (IMDG)** 1824

**UN No. (ICAO)** 1824

**UN No. (ADN)** 1824

### 14.2. UN proper shipping name

**Proper shipping name (ADR/RID)** SODIUM HYDROXIDE SOLUTION

**Proper shipping name (IMDG)** SODIUM HYDROXIDE SOLUTION

**Proper shipping name (ICAO)** SODIUM HYDROXIDE SOLUTION

## Jangro Kitchen Degreaser Heavy Duty BB002-5

Proper shipping name (ADN) SODIUM HYDROXIDE SOLUTION

### 14.3. Transport hazard class(es)

|                             |    |
|-----------------------------|----|
| ADR/RID class               | 8  |
| ADR/RID classification code | C5 |
| ADR/RID label               | 8  |
| IMDG class                  | 8  |
| ICAO class/division         | 8  |
| ADN class                   | 8  |

### Transport labels



### 14.4. Packing group

|                       |     |
|-----------------------|-----|
| ADR/RID packing group | III |
| IMDG packing group    | III |
| ICAO packing group    | III |
| ADN packing group     | III |

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant  
No.

### 14.6. Special precautions for user

|  |             |
|--|-------------|
| IMDG Code segregation group            | 18. Alkalis |
| EmS                                    | F-A, S-B    |
| ADR transport category                 | 3           |
| Emergency Action Code                  | 2R          |
| Hazard Identification Number (ADR/RID) | 80          |
| 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 applicable.

## SECTION 15: Regulatory information

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

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### National regulations

The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).  
 Control of Pollution (Special Waste) Regulations 1980 (as amended).  
 The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].  
 EH40/2005 Workplace exposure limits.  
 The Hazardous Waste Regulations 2005.  
 The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 (SI 2020 No. 1577) (as amended).  
 The Product Safety and Metrology etc. (Amendment etc.) (EU Exit) Regulations 2019 (SI 2019 No. 696) (as amended).  
 The Detergents Regulations 2010 (SI 2010 No. 740) (as amended). The Detergents (Amendment) (EU Exit) Regulations 2019 (SI 2019 No. 612) (as amended). The Detergents (Safeguarding) (Amendment) (EU Exit) Regulations 2019 (SI 2019 No. 671) (as amended).  
 The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019 (as amended).  
 The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

### EU legislation

European Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (as amended)  
 European Regulation (EC) No 1907/2006 - Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended)  
 European Regulation (EC) No 648/2004 on detergents (as amended)

### Guidance

COSHH Essentials.  
 Technical Guidance WM2: Hazardous Waste.  
 ECHA Guidance on the Application of the CLP Criteria.  
 ECHA Guidance on the compilation of safety data sheets.  
 Workplace Exposure Limits EH40.

### 15.2. Chemical safety assessment

No information available.

## SECTION 16: Other information

### Abbreviations and acronyms used in the safety data sheet

EWC European Waste Catalogue  
 STOT RE = Specific target organ toxicity-repeated exposure  
 PBT: Persistent, Bioaccumulative and Toxic substance.  
 vPvB: Very Persistent and Very Bioaccumulative.  
 PNEC: Predicted No Effect Concentration.  
 DNEL: Derived No Effect Level.

### General information

Only trained personnel should use this material.

### Revision comments

Note: Finished product SDS take their revision history from the parent bulk liquid SDS. The revision data will show that of the parent liquid. NOTE: Lines within the margin indicate significant changes from the previous revision. Review of SDS with no change of classification.

### Revision date

22/01/2024

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|                                  |  |
|----------------------------------|--|
| <b>Revision</b>                  | 4  |
| <b>Supersedes date</b>           | 22/06/2023   |
| <b>SDS number</b>                | 23203  |
| <b>Hazard statements in full</b> | H290 May be corrosive to metals.<br>H302 Harmful if swallowed.<br>H314 Causes severe skin burns and eye damage.<br>H315 Causes skin irritation.<br>H318 Causes serious eye damage.<br>H319 Causes serious eye irritation.<br>H400 Very toxic to aquatic life.<br>H411 Toxic to aquatic life with long lasting effects. |