

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : NON PDCB URINAL BLOCKS  
UFI : UYS2-K0VE-P000-G91Q  
Product code : BC071-5  
Type of product : Detergent  
Product group : Trade product

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

##### 1.2.1. Relevant identified uses

Main use category : Professional use  
Industrial/Professional use spec : For professional use only  
Use of the substance/mixture : Toilet Blocks  
Function or use category : Toilet Blocks

##### 1.2.2. Uses advised against

No additional information available

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

##### UK SUPPLIER

JANGRO LTD,  
1A Parklands,  
3rd Floor,  
Lostock,  
Bolton,  
BL6 4SD

Tel: 0044 (0) 1204 795 995  
Fax: 0044 (0) 1204 576 801  
Email: enquiries@jangrohq.net  
Web: www.jangro.com

##### EU SUPPLIER

JANGRO LTD EUROPE,  
6-9 Trinity Street,  
Dublin 2,  
D02 EY47,  
Ireland,

Tel: 00353 (0) 1 617 7911  
email: enquiries@jangrohq.net  
Web: www.jangro.com

#### 1.4. Emergency telephone number

Emergency number : +44 (0) 1204 795 995

| Country | Organisation/Company                                     | Address                                  | Emergency number   | Comment |
|---------|--|--|--|---------|
| Ireland | National Poisons Information Centre<br>Beaumont Hospital | PO Box 1297<br>Beaumont Road<br>9 Dublin | +353 1 809 2566<br>(Healthcare professionals-<br>24/7)<br>+353 1 809 2166 (public,<br>8am - 10pm, 7/7) |         |

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| Country        | Organisation/Company   | Address                           | Emergency number | Comment                           |
|----------------|--|-----------------------------------|------------------|-----------------------------------|
| United Kingdom | National Poisons Information Service<br>(Birmingham Centre)<br>City Hospital | Dudley Road<br>B18 7QH Birmingham | 0344 892 0111    | Only for healthcare professionals |

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

|   |      |
|---|------|
| Skin corrosion/irritation, Category 2                             | H315 |
| Serious eye damage/eye irritation, Category 1                     | H318 |
| Hazardous to the aquatic environment – Chronic Hazard, Category 3 | H412 |
| Full text of H- and EUH-statements: see section 16                |      |

#### Adverse physicochemical, human health and environmental effects

Causes skin irritation. Causes serious eye damage. Harmful to aquatic life with long lasting effects.

### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



GHS05

Signal word (CLP)

: Danger

Contains

: Benzenesulphonic acid mono C10-13 alkyl derivs sodium salts

Hazard statements (CLP)

: H315 - Causes skin irritation.  
H318 - Causes serious eye damage.  
H412 - Harmful to aquatic life with long lasting effects.  
P264 - Wash hands, forearms and face thoroughly after handling.  
P273 - Avoid release to the environment.  
P280 - Wear protective clothing, protective gloves, eye protection.  
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.  
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 doctor.  
P332+P313 - If skin irritation occurs: Get medical advice/attention.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P501 - Dispose of contents and container to an approved waste disposal plant.

Precautionary statements (CLP)

### 2.3. Other hazards

Contains no PBT and/or vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

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### 3.2. Mixtures

| Name  | Product identifier   | %       | Classification according to Regulation (EC) No. 1272/2008 [CLP]  |
|---|--|---------|--|
| Benzenesulphonic acid mono C10-13 alkyl derivs sodium salts | CAS-No.: 68411-30-3<br>EC-No.: 270-115-0<br>REACH-no: 01-2119489428-22                             | 10 – 30 | Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight)<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Aquatic Chronic 3, H412 |
| sodium carbonate  | CAS-No.: 497-19-8<br>EC-No.: 207-838-8<br>EC Index-No.: 011-005-00-2<br>REACH-no: 01-2119485498-19 | 1 – 3   | Eye Irrit. 2, H319   |

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                       |   |
|---------------------------------------|---|
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing.  |
| First-aid measures after skin contact | : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.  |
| First-aid measures after eye contact  | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.  |
| First-aid measures after ingestion    | : Call a poison center or a doctor if you feel unwell. Rinse mouth out with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a POISON CENTER/doctor if you feel unwell. |

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

|                                     |                           |
|-------------------------------------|---------------------------|
| Symptoms/effects after skin contact | : Irritation.             |
| Symptoms/effects after eye contact  | : Serious damage to eyes. |

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam.

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

Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes.

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### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Mechanically recover the product.  
Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment.  
Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Storage conditions : Store in a well-ventilated place. Keep cool.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

No additional information available

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

**Appropriate engineering controls:**  
Ensure good ventilation of the work station.

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### 8.2.2. Personal protection equipment

Personal protective equipment symbol(s):



#### 8.2.2.1. Eye and face protection

**Eye protection:**

Safety glasses

#### 8.2.2.2. Skin protection

**Skin and body protection:**

Wear suitable protective clothing

**Hand protection:**

Protective gloves

#### 8.2.2.3. Respiratory protection

**Respiratory protection:**

In case of insufficient ventilation, wear suitable respiratory equipment

#### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

**Environmental exposure controls:**

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

|   |                                    |
|---|------------------------------------|
| Physical state                                  | : Solid                            |
| Colour  | : Yellow.                          |
| Appearance                                      | : Solid.                           |
| Odour   | : lemon odour.                     |
| Odour threshold                                 | : Not available                    |
| Melting point                                   | : Not available                    |
| Freezing point                                  | : Not applicable                   |
| Boiling point                                   | : Not available                    |
| Flammability                                    | : Non flammable.                   |
| Explosive properties                            | : Product is not explosive.        |
| Oxidising properties                            | : Oxidising solids Not applicable. |
| Explosive limits                                | : Not applicable                   |
| Lower explosion limit                           | : Not applicable                   |
| Upper explosion limit                           | : Not applicable                   |
| Flash point                                     | : Not applicable                   |
| Auto-ignition temperature                       | : Not applicable                   |
| Decomposition temperature                       | : Not available                    |
| pH  | : Not available                    |
| pH solution                                     | : 8 ( $\geq 1$ ) %                 |
| Viscosity, kinematic                            | : Not applicable                   |
| Solubility                                      | : Soluble in water.                |
| Partition coefficient n-octanol/water (Log Kow) | : Not available                    |
| Vapour pressure                                 | : Not available                    |
| Vapour pressure at 50°C                         | : Not available                    |
| Density   | : Not available                    |
| Relative density                                | : Not applicable                   |
| Relative vapour density at 20°C                 | : Not applicable                   |
| Particle size                                   | : Not available                    |

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### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

| <b>Benzenesulphonic acid mono C10-13 alkyl derivs sodium salts (68411-30-3)</b> |  |
|---|--|
| LD50 oral rat   | 1080 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)     |
| LD50 oral   | 1080 mg/kg bodyweight  |
| LD50 dermal rat   | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |

| <b>sodium carbonate (497-19-8)</b> |   |
|------------------------------------|---|
| LD50 oral rat                      | 2800 mg/kg bodyweight Animal: rat                         |
| LD50 oral                          | 4090 mg/kg bodyweight                                     |
| LD50 dermal rabbit                 | > 2000 mg/kg bodyweight Animal: rabbit, Guideline: other: |
| LD50 dermal                        | > 2000 mg/kg bodyweight                                   |
| LC50 Inhalation - Rat (Dust/Mist)  | 2300 mg/m <sup>3</sup>                                    |

Skin corrosion/irritation : Causes skin irritation.

| <b>sodium carbonate (497-19-8)</b> |                                     |
|------------------------------------|-------------------------------------|
| pH                                 | ≈ 11.6 Concentration: (≈)0,1 other: |

Serious eye damage/irritation : Causes serious eye damage.

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| <b>sodium carbonate (497-19-8)</b> |                                     |
|------------------------------------|-------------------------------------|
| pH                                 | ≈ 11.6 Concentration: (≈)0,1 other: |
| Respiratory or skin sensitisation  | : Not classified                    |
| Germ cell mutagenicity             | : Not classified                    |
| Carcinogenicity                    | : Not classified                    |
| Reproductive toxicity              | : Not classified                    |
| STOT-single exposure               | : Not classified                    |
| STOT-repeated exposure             | : Not classified                    |

| <b>Benzenesulphonic acid mono C10-13 alkyl derivs sodium salts (68411-30-3)</b> |  |
|---|--|
| LOAEL (oral, rat, 90 days)  | 300 mg/kg bodyweight Animal: rat                 |
| NOAEL (dermal, rat/rabbit, 90 days)   | 2500 mg/kg bodyweight Animal: rat                |
| NOAEL (subchronic, oral, animal/female, 90 days)                                | 50 mg/kg bodyweight Animal: , Animal sex: female |
| Aspiration hazard   | : Not classified                                 |

| <b>NON PDCB URINAL BLOCKS</b> |                |
|-------------------------------|----------------|
| Viscosity, kinematic          | Not applicable |

| <b>Benzenesulphonic acid mono C10-13 alkyl derivs sodium salts (68411-30-3)</b> |                |
|---|----------------|
| Viscosity, kinematic  | Not applicable |

| <b>sodium carbonate (497-19-8)</b> |                |
|------------------------------------|----------------|
| Viscosity, kinematic               | Not applicable |

### 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

|   |  |
|---|--|
| Ecology - general   | : Harmful to aquatic life with long lasting effects. |
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified                                     |
| Hazardous to the aquatic environment, long-term (chronic) | : Harmful to aquatic life with long lasting effects. |

| <b>Benzenesulphonic acid mono C10-13 alkyl derivs sodium salts (68411-30-3)</b> |   |
|---|---|
| LC50 - Fish [1]   | 1.67 mg/l Test organisms (species): Lepomis macrochirus   |
| LC50 - Fish [2]   | 2.88 mg/l Test organisms (species): Pimephales promelas   |
| EC50 - Crustacea [1]  | 2.9 mg/l Test organisms (species): Daphnia magna  |
| EC50 - Other aquatic organisms [1]  | 2.9 mg/l EC50 waterflea (48 h)  |
| EC50 - Other aquatic organisms [2]  | 127.9 mg/l IC50 algae (72 h) mg/l   |
| EC50 72h - Algae [1]  | 29 mg/l   |
| NOEC (chronic)  | 1.18 mg/l Test organisms (species): Daphnia magna Duration: '21 d'  |
| NOEC chronic fish   | 0.23 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '72 d' |

| <b>sodium carbonate (497-19-8)</b> |   |
|------------------------------------|---|
| LC50 - Fish [1]                    | 300 mg/l Test organisms (species): Lepomis macrochirus    |
| EC50 - Crustacea [1]               | 200 – 227 mg/l Test organisms (species): Ceriodaphnia sp. |

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| sodium carbonate (497-19-8)        |   |
|------------------------------------|---|
| EC50 - Crustacea [2]               | 200 – 227 mg/l Test organisms (species): Ceriodaphnia sp. |
| EC50 - Other aquatic organisms [1] | 265 mg/l  |
| EC50 - Other aquatic organisms [2] | IC50 algae (72 h) mg/l                                    |

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

| sodium carbonate (497-19-8)                     |       |
|---|-------|
| Partition coefficient n-octanol/water (Log Pow) | -6.19 |

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

### 14.1. UN number or ID number

UN-No. (ADR) : Not applicable  
UN-No. (IMDG) : Not applicable  
UN-No. (IATA) : Not applicable  
UN-No. (ADN) : Not applicable  
UN-No. (RID) : Not applicable

### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable  
Proper Shipping Name (IMDG) : Not applicable  
Proper Shipping Name (IATA) : Not applicable  
Proper Shipping Name (ADN) : Not applicable  
Proper Shipping Name (RID) : Not applicable

### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR) : Not applicable



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### IMDG

Transport hazard class(es) (IMDG) : Not applicable

### IATA

Transport hazard class(es) (IATA) : Not applicable

### ADN

Transport hazard class(es) (ADN) : Not applicable

### RID

Transport hazard class(es) (RID) : Not applicable

## 14.4. Packing group

Packing group (ADR) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

Packing group (ADN) : Not applicable

Packing group (RID) : Not applicable

## 14.5. Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

## 14.6. Special precautions for user

### Overland transport

Not applicable

### Transport by sea

Not applicable

### Air transport

Not applicable

### Inland waterway transport

Not applicable

### Rail transport

Not applicable

## 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

##### REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

##### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

##### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

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### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

### Detergent Regulation (648/2004)

#### Allergenic fragrances > 0.01 %:

dipentene; limonene

citral

| Labelling of contents |          |
|-----------------------|----------|
| Component             | %        |
| anionic surfactants   | ≥15-<30% |
| perfumes              |          |
| LIMONENE              |          |
| CITRAL                |          |

### Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

| Indication of changes |                       |        |          |
|-----------------------|-----------------------|--------|----------|
| Section               | Changed item          | Change | Comments |
|                       | Supersedes version of | Added  |          |
|                       | Revision date         | Added  |          |

| Abbreviations and acronyms: |   |
|-----------------------------|---|
| ADN                         | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR                         | European Agreement concerning the International Carriage of Dangerous Goods by Road             |
| ATE                         | Acute Toxicity Estimate   |
| CLP                         | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008                     |
| EC50                        | Median effective concentration  |
| IATA                        | International Air Transport Association   |
| IMDG                        | International Maritime Dangerous Goods  |
| LC50                        | Median lethal concentration   |

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### Abbreviations and acronyms:

|       |   |
|-------|---|
| LD50  | Median lethal dose  |
| PBT   | Persistent Bioaccumulative Toxic  |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 |
| RID   | Regulations concerning the International Carriage of Dangerous Goods by Rail                      |
| SDS   | Safety Data Sheet   |
| vPvB  | Very Persistent and Very Bioaccumulative  |

### Full text of H- and EUH-statements:

|                     |   |
|---------------------|---|
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4                                 |
| Aquatic Chronic 3   | Hazardous to the aquatic environment – Chronic Hazard, Category 3 |
| Eye Dam. 1          | Serious eye damage/eye irritation, Category 1                     |
| Eye Irrit. 2        | Serious eye damage/eye irritation, Category 2                     |
| H302                | Harmful if swallowed.   |
| H315                | Causes skin irritation.   |
| H318                | Causes serious eye damage.  |
| H319                | Causes serious eye irritation.                                    |
| H412                | Harmful to aquatic life with long lasting effects.                |
| Skin Irrit. 2       | Skin corrosion/irritation, Category 2                             |

### Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

|                   |      |                    |
|-------------------|------|--------------------|
| Skin Irrit. 2     | H315 | Calculation method |
| Eye Dam. 1        | H318 | Calculation method |
| Aquatic Chronic 3 | H412 | Calculation method |

SDS EU (REACHANNEX II) GREEN 2