

# K-PRO HEAVY DUTY TOILET CLEANER

CODE : WH401

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
Revision date: 08/02/2023 Version: 10.6

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : K-PRO HEAVY DUTY TOILET CLEANER  
Product code : WH401  
Type of product : Detergent

#### 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 : Acidic cleaner

##### 1.2.2. Uses advised against

No additional information available

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

##### KNIGHTON JANITORIAL (DELIVERIES)

UNIT 18, WILLOW ROAD  
TRENT LANE INDUSTRIAL ESTATE, CASTLE DONINGTON  
DERBY  
DERBYSHIRE  
DE74 2NP  
UNITED KINGDOM

Tel: 01332 811810 Fax: 0845 301 0833 Email: sales@knightonjanitorial.com

#### 1.4. Emergency telephone number

| 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) |                                      |
| United Kingdom | National Poisons Information Service<br>(Birmingham Centre)<br>City Hospital | Dudley Road<br>B18 7QH Birmingham        | 0344 892 0111  | Only for healthcare<br>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 2 H319

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

For DetNet Classification and Labelling information: see Section 16

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

No additional information available

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### 2.2. Label elements

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

Hazard pictograms (CLP)



GHS07

Signal word (CLP)

: Warning

Hazard statements (CLP)

: H315 - Causes skin irritation.

H319 - Causes serious eye irritation.

Precautionary statements (CLP)

: P264 - Wash hands thoroughly after handling.

P280 - Wear eye protection, protective gloves.

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.

P337+P313 - If eye irritation persists: Get medical advice/attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

### 2.3. Other hazards

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

### 3.2. Mixtures

| Name  | Product identifier  | %      | Classification according to Regulation (EC) No. 1272/2008 [CLP]      |
|---|---|--------|--|
| sulphamidic acid; sulphamic acid; sulfamic acid | CAS-No.: 5329-14-6<br>EC-No.: 226-218-8<br>EC Index-No.: 016-026-00-0<br>REACH-no: 01-2119488633-28 | 5 - 15 | Eye Irrit. 2, H319<br>Skin Irrit. 2, H315<br>Aquatic Chronic 3, H412 |
| C9-11 PARETH-6                                  | CAS-No.: 68439-46-3<br>REACH-no: 01- 2119980051-45  | 1 - 3  | Acute Tox. 4 (Oral), H302<br>Eye Dam. 1, H318                        |

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.

First-aid measures after eye contact

: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion

: Give nothing or a little water to drink. Get medical advice/attention if you feel unwell.

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

Symptoms/effects after skin contact

: Causes skin irritation.

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|                                    |  |
|------------------------------------|--|
| Symptoms/effects after eye contact | : Eye irritation.  |
| Symptoms/effects after ingestion   | : May cause gastrointestinal irritation, nausea, vomiting and diarrhoea. |

### 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 | : Carbon dioxide. Dry powder. Foam. |
|------------------------------|-------------------------------------|

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

No additional information available

### 5.3. Advice for firefighters

No additional information available

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

|                      |                                   |
|----------------------|-----------------------------------|
| Emergency procedures | : Evacuate unnecessary personnel. |
|----------------------|-----------------------------------|

#### 6.1.2. For emergency responders

|                      |  |
|----------------------|--|
| Protective equipment | : Use personal protective equipment as required. |
|----------------------|--|

### 6.2. Environmental precautions

Avoid release to the environment.

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

|                         |   |
|-------------------------|---|
| For containment         | : Collect spillage.   |
| Methods for cleaning up | : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. |

### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

|                               |   |
|-------------------------------|---|
| Precautions for safe handling | : Avoid contact with eyes.                            |
| Hygiene measures              | : Do not eat, drink or smoke when using this product. |

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

|                            |   |
|----------------------------|---|
| Technical measures         | : Does not require any specific or particular technical measures. |
| Storage conditions         | : Keep container closed when not in use.                          |
| Incompatible products      | : Oxidizing agent. Strong acids. Strong bases.                    |
| Special rules on packaging | : Keep only in original container.                                |

### 7.3. Specific end use(s)

No additional information available

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### 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:

Not required for normal conditions of use.

##### 8.2.2. Personal protection equipment

###### Personal protective equipment symbol(s):



###### 8.2.2.1. Eye and face protection

###### Eye protection:

Safety glasses. EN 166

###### 8.2.2.2. Skin protection

###### Skin and body protection:

Not required for normal conditions of use

###### Hand protection:

Chemical resistant gloves (according to European standard EN 374 or equivalent). Nitrile rubber gloves

###### Other skin protection

###### Materials for protective clothing:

Not required for normal conditions of use

###### 8.2.2.3. Respiratory protection

###### Respiratory protection:

Not required for normal conditions of use

###### 8.2.2.4. Thermal hazards

No additional information available

##### 8.2.3. Environmental exposure controls

No additional information available

### SECTION 9: Physical and chemical properties

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

Physical state : Liquid

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|   |                                      |
|---|--------------------------------------|
| Colour  | : Blue.                              |
| Appearance                                      | : Mobile liquid.                     |
| Odour   | : Fresh.                             |
| Odour threshold                                 | : Not available                      |
| Melting point                                   | : Not available                      |
| Freezing point                                  | : Not available                      |
| Boiling point                                   | : $\geq 100\text{ }^{\circ}\text{C}$ |
| Flammability                                    | : Not available                      |
| Explosive limits                                | : Not available                      |
| Lower explosive limit (LEL)                     | : Not available                      |
| Upper explosive limit (UEL)                     | : Not available                      |
| Flash point                                     | : Not available                      |
| Auto-ignition temperature                       | : Not available                      |
| Decomposition temperature                       | : Not available                      |
| pH  | : 0.5                                |
| Viscosity, kinematic                            | : Not available                      |
| 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                                | : 1.05                               |
| Relative vapour density at 20°C                 | : Not available                      |
| Particle size                                   | : Not applicable                     |
| Particle size distribution                      | : Not applicable                     |
| Particle shape                                  | : Not applicable                     |
| Particle aspect ratio                           | : Not applicable                     |
| Particle aggregation state                      | : Not applicable                     |
| Particle agglomeration state                    | : Not applicable                     |
| Particle specific surface area                  | : Not applicable                     |
| Particle dustiness                              | : Not applicable                     |

### 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

None under normal use.

### 10.6. Hazardous decomposition products

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

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### 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                            |
| Skin corrosion/irritation         | : Causes skin irritation.<br>pH: 0.5        |
| Serious eye damage/irritation     | : Causes serious eye irritation.<br>pH: 0.5 |
| 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                            |
| Aspiration hazard                 | : Not classified                            |

#### 11.2. Information on other hazards

No additional information available

### SECTION 12: Ecological information

#### 12.1. Toxicity

|   |                  |
|---|------------------|
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified |

#### sulphamidic acid; sulphamic acid; sulfamic acid (5329-14-6)

|                                    |                     |
|------------------------------------|---------------------|
| LC50 - Fish [1]                    | 70.3 mg/l           |
| EC50 - Other aquatic organisms [1] | 71.6 mg/l waterflea |
| EC50 - Other aquatic organisms [2] | 29.5 mg/l           |

#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bioaccumulative potential

#### sulphamidic acid; sulphamic acid; sulfamic acid (5329-14-6)

|   |       |
|---|-------|
| Partition coefficient n-octanol/water (Log Pow) | -4.34 |
|---|-------|

#### 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

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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

|  |   |
|--|---|
| Regional legislation (waste)               | : Dispose of in accordance with relevant local regulations.                                   |
| Waste treatment methods                    | : Dispose of contents/container in accordance with licensed collector's sorting instructions. |
| Product/Packaging disposal recommendations | : Dispose in a safe manner in accordance with local/national regulations.                     |
| European List of Waste (LoW) code          | : 20 01 29* - detergents containing dangerous substances                                      |

### SECTION 14: Transport information

In accordance with ADR / IMDG / IATA

#### 14.1. UN number or ID number

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

#### 14.3. Transport hazard class(es)

|                                  |                  |
|----------------------------------|------------------|
| <b>ADR</b>                       |                  |
| Transport hazard class(es) (ADR) | : Not applicable |

|                                   |                  |
|-----------------------------------|------------------|
| <b>IMDG</b>                       |                  |
| Transport hazard class(es) (IMDG) | : Not applicable |

|                                   |                  |
|-----------------------------------|------------------|
| <b>IATA</b>                       |                  |
| Transport hazard class(es) (IATA) | : Not applicable |

#### 14.4. Packing group

|                      |                  |
|----------------------|------------------|
| Packing group (ADR)  | : Not applicable |
| Packing group (IMDG) | : Not applicable |
| Packing group (IATA) | : 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**  
No data available

**Transport by sea**  
No data available

**Air transport**  
No data available

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

Not applicable

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## SECTION 15: Regulatory information

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

## 15.1.1. EU-Regulations

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

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

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

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

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

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

CESIO recommendations

: The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Other information, restriction and prohibition regulations

: Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 and all its amendments and modifications. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 and all its amendments and modifications. Detergent Regulation (648/2004).

## Detergent Regulation (648/2004/EC): Labelling of contents:

| Component             | %   |
|-----------------------|-----|
| non-ionic surfactants | <5% |
| perfumes              |     |

## 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

Data sources

: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. Detergent Regulation (648/2004).

## 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                             |



# Safety Data Sheet

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**Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:**  
**Classifications derived from DetNet:**  
**The eye classification of this product was derived using bridging principles (such as dilution, interpolation within one hazard category or substantially similar mixtures; with or without expert judgement) following Article 9(3) and Article 9(4) of Regulation (EC) No 1272/2008**  
**Classification Record available to competent authorities on request.**  
**DetNet logging number 1645**

|               |      |  |
|---------------|------|--|
| Skin Irrit. 2 | H315 | Weight of evidence                                 |
| Eye Irrit. 2  | H319 | Substantially similar mixtures bridging principles |

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.