



## SAFETY DATA SHEET

### 114369 Verto Concentrate Washroom Cleaner 5L

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

##### 1.1. Product identifier

Product name Verto Concentrate Washroom  
UFI 114369

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

###### 1.2.1. Relevant identified uses

Professional use.

###### 1.2.2. Uses advised against

No additional information available

##### 1.3. Details of the supplier of product safety information sheet

Supplier Parc Supplies  
2 Whitehall Point  
Whitehall Road  
0113 220 4080  
info@parcglobal.com

##### 1.4. Emergency telephone number

Emergency telephone 0113 2204080  
National emergency telephone number For the emergency services - the ambulance, police and fire services - Tel: 999 /  
When you need medical advice or treatment but it is not an emergency - Tel: 111

#### 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

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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 severe skin burns and eye damage.

## 2.2. Label elements

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

Hazard pictograms (CLP) :



GHS05

Signal word (CLP) :

Danger

Contains :

phosphoric acid, Isotridecanol ethoxylated (8-EO), BENZALKONIUM CHLORIDE, C9-11 PARETH-8

Hazard statements (CLP) :

H315 - Causes skin irritation.  
 H318 - Causes serious eye damage.  
 H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (CLP) :

P264 - Wash hands, forearms and face thoroughly after handling.  
 P280 - Wear eye protection, protective gloves.  
 P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 Immediately call a POISON CENTER or doctor.

## 2.3. Other hazards

Contains no PBT/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

### 3.2. Mixtures

| Name   | Product identifier  | %      | Classification according to Regulation (EC) No. 1272/2008 [CLP]  |
|--|---|--------|--|
| Isotridecanol ethoxylated (8-EO)   | CAS-No.: 9043-30-5<br>EC-No.: 931-785-6                               | 5 – 10 | Acute Tox. 4 (Oral), H302<br>Eye Dam. 1, H318  |
| phosphoric acid ... %, orthophosphoric acid ... %<br>substance with national workplace exposure limit(s) (GB); substance with a Community workplace exposure limit | CAS-No.: 7664-38-2<br>EC-No.: 231-633-2<br>EC Index-No.: 015-011-00-6 | 1 – 5  | Skin Corr. 1B, H314  |
| BENZALKONIUM CHLORIDE  | CAS-No.: 68424-85-1<br>EC-No.: 270-325-2                              | 1 – 5  | Acute Tox. 4 (Oral), H302<br>Acute Tox. 4 (Dermal), H312<br>Skin Corr. 1, H314<br>Eye Dam. 1, H318<br>Aquatic Acute 1, H400 (M=10) |

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|                 |   |       |   |
|-----------------|---|-------|---|
|                 |   |       | Aquatic Chronic 1, H410   |
| C9-11 PARETH-8  | CAS-No.: 68439-46-3   | 1 – 5 | Acute Tox. 4 (Oral), H302<br>Eye Dam. 1, H318   |
| DODECANENITRILE | CAS-No.: 2437-25-4<br>EC-No.: 219-440-1<br>REACH-no: 01-2120743516-53 | < 0.1 | Flam. Liq. 3, H226<br>Repr. 2, H361<br>Asp. Tox. 1, H304<br>Aquatic Acute 1, H400 (M=10)<br>Aquatic Chronic 2, H411 |

## Specific concentration limits:

| Name  | Product identifier  | Specific concentration limits   |
|---|---|---|
| phosphoric acid ... %, orthophosphoric acid ... % | CAS-No.: 7664-38-2<br>EC-No.: 231-633-2<br>EC Index-No.: 015-011-00-6 | ( 10 ≤C < 25) Skin Irrit. 2, H315<br>( 10 ≤C < 25) Eye Irrit. 2, H319<br>( 25 ≤C ≤ 100) Skin Corr. 1B, H314 |

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.   |

### 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. Carbon dioxide. |
|------------------------------|--|

### 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. |
|--------------------------------|--|

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## 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.

#### 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 : Take up liquid spill into absorbent material.

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. Do not breathe dust/fume/gas/mist/vapours/spray. 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

| phosphoric acid ... %, orthophosphoric acid ... % (7664-38-2) |                                       |
|---|---------------------------------------|
| EU - Indicative Occupational Exposure Limit (IOEL)            |                                       |
| Local name  | Orthophosphoric acid                  |
| IOEL STEL   | 2 mg/m <sup>3</sup>                   |
| Regulatory reference  | COMMISSION DIRECTIVE 2000/39/EC       |
| United Kingdom - Occupational Exposure Limits                 |                                       |
| Local name  | Orthophosphoric acid                  |
| WEL TWA (OEL TWA) [1]   | 1 mg/m <sup>3</sup>                   |
| WEL STEL (OEL STEL)   | 2 mg/m <sup>3</sup>                   |
| Regulatory reference  | EH40/2005 (Fourth edition, 2020). HSE |

#### 8.1.2. Recommended monitoring procedures

No additional information available

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## 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. Avoid direct skin contact with product. Identify potential areas for indirect skin contact. Wear gloves (tested to EN374) if hand contact with substance likely. Clean up contamination/spills as soon as they occur. Wash off any skin contamination immediately. Provide basic employee training to prevent / minimise exposures and to report any skin problems that may develop.

### 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:

Wear suitable protective clothing

##### Hand protection:

Disposable gloves. Wear suitable gloves tested to EN374

#### 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                             | : Liquid              |
| Colour                                     | : Clear, pink liquid. |
| Odour                                      | : Citrus              |
| Odour threshold                            | : No data available   |
| pH   | : 0.8 – 1.3           |
| Relative evaporation rate (butylacetate=1) | : No data available   |
| Melting point                              | : Not applicable      |

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|   |                     |
|---|---------------------|
| Freezing point                                  | : No data available |
| Boiling point                                   | : No data available |
| Flash point                                     | : No data available |
| Auto-ignition temperature                       | : No data available |
| Decomposition temperature                       | : No data available |
| Flammability (solid, gas)                       | : Not applicable    |
| Vapour pressure                                 | : No data available |
| Relative vapour density at 20 °C                | : No data available |
| Relative density                                | : 1.01 – 1.04       |
| Solubility                                      | : No data available |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Viscosity, kinematic                            | : No data available |
| Viscosity, dynamic                              | : No data available |
| Explosive properties                            | : No data available |
| Oxidising properties                            | : No data available |
| Explosive limits                                | : No data available |

## 9.2. Other information

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

Strong bases.

### 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>BENZALKONIUM CHLORIDE (68424-85-1)</b> |  |
| LD50 oral rat                             | LD50 oral rat  |
| LD50 oral                                 | LD50 oral  |
| <b>DODECANENITRILE (2437-25-4)</b>        |  |
| LD50 oral rat                             | 3400 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Remarks on results: other: |

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|                       |   |
|-----------------------|---|
| LD50 dermal rabbit    | > 5000 mg/kg Source: ECHA   |
| LC50 Inhalation - Rat | 701 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), Remarks on results: other: |

|                                   |                                   |
|-----------------------------------|-----------------------------------|
| Skin corrosion/irritation         | : Not classified<br>pH: 0.8 – 1.3 |
| Serious eye damage/irritation     | : Not classified<br>pH: 0.8 – 1.3 |
| 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

|   |  |
|---|--|
| 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>BENZALKONIUM CHLORIDE (68424-85-1)</b>                            |   |
| LC50 - Fish [1]  | 1.7 mg/l  |
| EC50 - Crustacea [1]   | 0.03 mg/l   |
| <b>phosphoric acid ... %, orthophosphoric acid ... % (7664-38-2)</b> |   |
| EC50 - Crustacea [1]   | > 100 mg/l Test organisms (species): Daphnia magna  |
| EC50 72h - Algae [1]   | > 100 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) |
| <b>DODECANENITRILE (2437-25-4)</b>                                   |   |
| LC50 - Fish [1]  | 0.84 mg/l Test organisms (species): Oryzias latipes   |
| EC50 - Crustacea [1]   | 0.059 mg/l Test organisms (species): Daphnia magna  |
| EC50 72h - Algae [1]   | 0.15 mg/l Source: ECHA  |
| NOEC (chronic)   | 0.071 mg/l Test organisms (species): Daphnia magna Duration: '21 d'                                   |
| NOEC chronic fish  | 0.065 mg/l Test organisms (species): other: Duration: '28 d'  |

### 12.2. Persistence and degradability

|   |                                    |
|---|------------------------------------|
| <b>BENZALKONIUM CHLORIDE (68424-85-1)</b> |                                    |
| Chemical oxygen demand (COD)              | 1130 g O <sub>2</sub> /g substance |
| Biodegradation                            | 60 %                               |

### 12.3. Bioaccumulative potential

|   |                   |
|---|-------------------|
| <b>DODECANENITRILE (2437-25-4)</b>              |                   |
| Partition coefficient n-octanol/water (Log Pow) | 4.77 Source: ECHA |

### 12.4. Mobility in soil

No additional information available

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## 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

| ADR                                     | IMDG           | IATA           | ADN            | RID            |
|---|----------------|----------------|----------------|----------------|
| <b>14.1. UN number or ID number</b>     |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.2. UN proper shipping name</b>    |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.3. Transport hazard class(es)</b> |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.4. Packing group</b>              |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.5. Environmental hazards</b>      |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| 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

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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

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

Contains no REACH substances with Annex XVII restrictions

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

Contains no REACH Annex XIV substances

##### **REACH Candidate List (SVHC)**

Contains no substance on the REACH candidate list

##### **PIC Regulation (Prior Informed Consent)**

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

##### **POP Regulation (Persistent Organic Pollutants)**

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

##### **Ozone Regulation (1005/2009)**

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

##### **Explosives Precursors Regulation (2019/1148)**

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

##### **Drug Precursors Regulation (273/2004)**

Contains no substance subject to Regulation (EC) 273/2004 of the European Parliament and of the Council of 11 February 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

### 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   |
| BCF    | Bioconcentration factor   |
| BLV    | Biological limit value  |
| BOD    | Biochemical oxygen demand (BOD)   |
| COD    | Chemical oxygen demand (COD)  |
| DMEL   | Derived Minimal Effect level  |
| DNEL   | Derived-No Effect Level   |
| EC-No. | European Community number   |
| EC50   | Median effective concentration  |
| EN     | European Standard   |
| IARC   | International Agency for Research on Cancer   |
| IATA   | International Air Transport Association   |
| IMDG   | International Maritime Dangerous Goods  |
| LC50   | Median lethal concentration   |
| LD50   | Median lethal dose  |
| LOAEL  | Lowest Observed Adverse Effect Level  |

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|         |  |
|---------|--|
| NOAEC   | No-Observed Adverse Effect Concentration                                     |
| NOAEL   | No-Observed Adverse Effect Level   |
| NOEC    | No-Observed Effect Concentration   |
| OECD    | Organisation for Economic Co-operation and Development                       |
| OEL     | Occupational Exposure Limit  |
| PBT     | Persistent Bioaccumulative Toxic   |
| PNEC    | Predicted No-Effect Concentration  |
| RID     | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SDS     | Safety Data Sheet  |
| STP     | Sewage treatment plant   |
| ThOD    | Theoretical oxygen demand (ThOD)   |
| TLM     | Median Tolerance Limit   |
| VOC     | Volatile Organic Compounds   |
| CAS-No. | Chemical Abstract Service number   |
| N.O.S.  | Not Otherwise Specified  |
| vPvB    | Very Persistent and Very Bioaccumulative                                     |
| ED      | Endocrine disrupting properties  |

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

|                       |   |
|-----------------------|---|
| Acute Tox. 4 (Dermal) | Acute toxicity (dermal), Category 4                               |
| Acute Tox. 4 (Oral)   | Acute toxicity (oral), Category 4                                 |
| Aquatic Acute 1       | Hazardous to the aquatic environment – Acute Hazard, Category 1   |
| Aquatic Chronic 1     | Hazardous to the aquatic environment – Chronic Hazard, Category 1 |
| Aquatic Chronic 2     | Hazardous to the aquatic environment – Chronic Hazard, Category 2 |
| Asp. Tox. 1           | Aspiration hazard, Category 1                                     |
| Eye Dam. 1            | Serious eye damage/eye irritation, Category 1                     |
| Eye Irrit. 2          | Serious eye damage/eye irritation, Category 2                     |
| Flam. Liq. 3          | Flammable liquids, Category 3                                     |
| H226                  | Flammable liquid and vapour.                                      |
| H302                  | Harmful if swallowed.   |
| H304                  | May be fatal if swallowed and enters airways.                     |
| H312                  | Harmful in contact with skin.                                     |
| H314                  | Causes severe skin burns and eye damage.                          |
| H315                  | Causes skin irritation.   |
| H318                  | Causes serious eye damage.  |
| H319                  | Causes serious eye irritation.                                    |
| H361                  | Suspected of damaging fertility or the unborn child.              |
| H400                  | Very toxic to aquatic life.                                       |
| H410                  | Very toxic to aquatic life with long lasting effects.             |
| H411                  | Toxic to aquatic life with long lasting effects.                  |
| H412                  | Harmful to aquatic life with long lasting effects.                |
| Repr. 2               | Reproductive toxicity, Category 2                                 |
| Skin Corr. 1          | Skin corrosion/irritation, Category 1                             |
| Skin Corr. 1B         | Skin corrosion/irritation, Category 1, Sub-Category 1B            |
| Skin Irrit. 2         | Skin corrosion/irritation, Category 2                             |

Safety Data Sheet (SDS), EU