

Bathroom Cleaner Portfolio



PVA Hygiene provides an innovative and sustainable method of cleaning. As the UK's leading manufacturer of water-soluble cleaning products, we cover all areas of commercial cleaning. Over 24 years, we have developed a system using pre-dosed sachets that is straightforward to implement and balances environment diligence with commercial demands. Based in the South West of England, we distribute globally.



This portfolio contains documents relating to PVA Hygiene’s BATHROOM CLEANER.

This unique formulation is contained within a PVOH or paper film that dissolves at the point of use. The sachets are dry, compact and light, they reduce storage space and transportation costs, and heavily reduce the environmental implications often associated with delivering cleaning supplies. The sachets are packed in planet friendly packaging, that can either be composted or recycled, helping you to eliminate single-use plastic from your current cleaning procedure.



- CONTENTS:**
- 1) Technical Data Sheet.
 - 2) Use Solution Health and Safety Summary.
 - 3) Product Safety Data Sheet.



PRODUCT DESCRIPTION

Bathroom Cleaner is based on PVA Hygiene's unique CCS10 technology. Sachets contain a fresh perfumed blend of biodegradable Citric Acid, together with biodegradable chelates and surfactants. The mildly acidic product is designed for removal of soap scums, water scale and other soils commonly found in bathroom and washroom facilities.

Sachets are supplied in the following Pack Sizes:-

| Pack Size | Sachet Type | Order Code | Outer packaging |
|-----------|-------------|------------|-----------------|
| 20 * 10g | PVA-OH | B1:20 | Pouch |
| 20 * 10g | Paper | PB1:20 | Pouch |
| 20 * 10g | PVA-OH | Z1:20 | Box |

- Supplied in convenient water soluble PVA-OH and Paper sachets within a compostable container.
 - Biodegradable Acid and Surfactants.
 - Phosphate Free.
 - Identifiable Colour.
-

INSTRUCTIONS FOR USE

For general cleaning of sinks, baths and shower screens, remove any gross debris from the surface, place one sachet into the empty trigger spray bottle and fill with water to the 750ml mark. Replace the trigger head and shake until the sachet has dissolved (note warm water will aid the rate of dissolution but is not essential). Spray the solution onto the surface and wipe clean and buff to a shine.

As Bathroom Cleaner dissolves scale it is slowly neutralised, so for stubborn hard water scales commonly found on taps in hard water areas, it may be necessary to apply several applications of detergent while using a small brush to aid breakup of the scale.

Pouring approximately 200ml of Bathroom Cleaner into sinks and shower drains at the end of the day and allowing to soak overnight will help reduce the build up of hard water scale and body oils, thus reducing the opportunity for offensive smells to be created..

TECHNICAL DATA SUMMARY

| | |
|--|--|
| Appearance | Red Pink Powder |
| Odour | Fresh |
| Foam | Medium |
| pH of use solution  | 4 - 5 |
| Storage Temperature Range | 0°C to +40°C |
| Shelf Life of Sachet | Minimum of 2 years under normal conditions of dry storage. |

EMERGENCY DETAILS

For accident, emergency and health & safety information refer to the Safety Data Sheet for this product.

This product is registered with the UK National Poisons Information Service.

Office Hours Emergency Number +44 (0) 1934 862859

Outside Office Hours: - +44 (0)7967 149256 (This is for health, safety and environmental emergencies only, it is not for general enquires or ordering).

DISCLAIMER

Whilst every effort is made to ensure that the information given in this product information sheet is accurate it is given without guarantee, since the conditions of use are beyond our control.

BATHROOM CLEANER USE SOLUTION HEATH AND SAFETY SUMMARY

Issue Date 20/05/2023 Version 2.0

| IDENTIFICATION OF THE MATERIAL | |
|--------------------------------|---|
| Product Name | Bathroom Cleaner |
| Main Use | Cleaning of Hard Surfaces/Sanitary Ware in Bath/Wash Room Facilities |
| Uses Advised Against | Not for Direct Oral Consumption Keep Out of Reach of Children Do Not Mix with other Chemicals/Detergents. Do not mix with Bleach, This will produce toxic Chlorine gas. |
| Manufacturer | PVA Hygiene, Unit 6 Havyat Business Park Havyat Road, Bristol, BS40 5PA |
| Telephone | +44 (0) 1934 862859 |

| PHYSICAL AND CHEMICAL PROPERTIES | |
|----------------------------------|----------|
| Appearance | Liquid |
| Colour | Pink/Red |
| pH | 4 – 5 |

| CLASSIFICATION, PPE, FIRST AID AND DISPOSAL | |
|---|--|
| Health | In use solutions of this product have no Health Classifications |
| Physical | In use solutions of this product have no Physical Classifications |
| Environmental | In use solutions of this product have no Environmental Classifications |
| PPE | No PPE is mandated for this product at use strength However, we suggest gloves for general hygiene, and because of the low pH, eye protection if a risk assessment indicates splashing to eyes is possible. |
| First Aid | <p>EYES:- May cause reddening, discomfort and blurred vision Rinse with Plenty of Water.</p> <p>SKIN:- Repeated extended contact may result in skin dryness. Use a suitable re-moisturising cream and get medical attention if symptoms persist.</p> <p>INHALATION:- Unlikely.</p> <p>INGESTION:- A soapy taste may be reported, together with irritation to mouth and GI Tract rinse mouth thoroughly. If concerned seek medical advice Show the label or Safety Data sheet to the Physician.</p> |
| Disposal | Solutions can be disposed to normal sewers and septic tanks. |

Bathroom Cleaner

Safety Data Sheet

According to GB and EU REACH and CLP Regulations
Issue date: 20/03/2023 Revision date: 20/02/2023 Supersedes version of: 03/02/2022 Version: 3.0

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

1.1. Product identifier

Product form : Mixture
Product name : Bathroom Cleaner
UFI : 3EET-3Q05-CE7N-H0HY
Product code : B1:20, PB1:20 Z1:20

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, Consumer use
Use of the substance/mixture : DETERGENT

1.2.2. Uses advised against

Restrictions on use : Not for Oral Consumption, Not for Direct Application to Food Stuff, Mixing with Hypochlorite (Bleach) based products can result in the evolution of Chlorine Gas.

1.3. Details of the supplier of the safety data sheet

Manufacturer

PVA HYGIENE
UNIT 6 Havyat Business Park Havyat Road
BS40 5PA Bristol – United Kingdom
T +44 (0)1934 862 859
sales@pva-hygiene.co.uk

1.4. Emergency telephone number

Emergency number : 01934 862859 (Office Hours). For Immediate first aid advice in the UK call 111
This product is registered with NPIS in the UK.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] and GB CLP Regulations

Skin corrosion/irritation, Category 2 H315
Serious eye damage/eye irritation, Category 2 H319
Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

NOTE:- In Use Solutions of this Product are NOT CLASSIFIED.

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)

: P102 - Keep out of reach of children.
P264 - Wash Skin thoroughly after handling.
P280 - Wear protective gloves, eye protection.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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P308+P313 - IF exposed or concerned: Get medical advice/attention.
P402+P404 - Store in a dry place. Store in a closed container.
P501 - Dispose of contents and container to National Regulations.

2.3. Other hazards

This product does not contain any substances classified as PBT
This product does not contain any substances classified as vPvB.
Contains no PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

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] and GB CLP Regulations |
|---|--|--------------------|--|
| Citric Acid Mono Hydrate | CAS-No.: 5949-29-1 EC-No.: 691-328-9 REACH-no: 01-2119457026-42 | $\geq 50 - < 60$ | Eye Irrit. 2, H319 |
| sodium carbonate | CAS-No.: 497-19-8 EC-No.: 207-838-8 EC Index-No.: 011-005-00-2 REACH-no: 01-2119485498-19 | $\geq 15 - < 25$ | Eye Irrit. 2, H319 |
| β -Alanine, N-(2-carboxyethyl)-,N-coco alykyl derivs.,Disodium Salt | CAS-No.: 90170-43-7 EC-No.: 290-476-8 REACH-no: 01-2119976233-35 | $\geq 8 - < 15$ | Eye Irrit. 2, H319 |
| REACTION PRODUCT OF BENZENE SULPHONIC ACID, C10-C14 SEC ALKYL DERIVS and BENZENE SULPHONIC ACID 4 METHYL AND SODIUM HYDROXIDE | EC-No.: 932-051-8 | $\geq 2 - < 3$ | Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412 |
| ISOBORNYL ACETATE | CAS-No.: 125-12-2 EC-No.: 204-727-6 | $\geq 0.5 - < 1.5$ | Aquatic Chronic 3, H412 |
| Sodium Hydroxide | CAS-No.: 1310-73-2 EC-No.: 215-185-5 EC Index-No.: 011-002-00-6 | $\geq 0.5 - < 1.5$ | Skin Corr. 1A, H314 |

Specific concentration limits:

| Name | Product identifier | Specific concentration limits |
|------------------|---|--|
| Sodium Hydroxide | CAS-No.: 1310-73-2 EC-No.: 215-185-5 EC Index-No.: 011-002-00-6 | ($0.5 \leq C < 2$) Skin Irrit. 2, H315 ($0.5 \leq C < 2$) Eye Irrit. 2, H319 ($2 \leq C < 5$) Skin Corr. 1B, H314 ($5 \leq C \leq 100$) Skin Corr. 1A, H314 |

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

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Safety Data Sheet

According to GB and EU REACH and CLP Regulations

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------------------------|--|
| First-aid measures general | : If medical advice is needed, have product container or label at hand. For immediate First Aid advice in the UK, dial 111. When it is safe to do so, remove the victim immediately from the source of exposure. However, consideration should be given as to whether moving the victim will cause further injury. |
| First-aid measures after inhalation | : Unlikely without deliberate abuse. Move the affected person to the fresh air. If unconscious place in recovery position and seek medical advice. |
| 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. If eye irritation persists: Get medical advice/attention. |
| First-aid measures after ingestion | : Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention. If unconscious, place in the recovery position and seek medical advice. |

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

| | |
|-------------------------------------|--|
| Symptoms/effects | : Neat product will cause irritation to eyes. Dilute solutions are unclassified, but may cause transient irritation. Eye contact should be treated as above. |
| Symptoms/effects after inhalation | : Unlikely route of exposure, but inhalation of dilute solution droplets may result in a sore throat. Mixing with Hypochlorite (Bleach) based products can result in the evolution of Chlorine Gas. |
| Symptoms/effects after skin contact | : Causes skin irritation. |
| Symptoms/effects after eye contact | : Eye irritation. |
| Symptoms/effects after ingestion | : Unlikely route of exposure without deliberate abuse. If sachets are swallowed they may swell and could block the throat and GI tract. Irritation to the mouth and GI tract could occur, a soapy taste may be reported. Ingestion of diluted solution is unlikely to cause long term harm, but a soapy taste may be reported. |

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

Rinse with plenty of water. Check for abrasion to the surface of the eye from powder particles. If mixed with bleach based products, Chlorine gas may be produced, check for respiratory disorders.

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|--------------------------------|--|
| Suitable extinguishing media | : Use extinguishing agent suitable for surrounding fire. |
| Unsuitable extinguishing media | : Water. |

5.2. Special hazards arising from the substance or mixture

| | |
|--|---|
| Fire hazard | : The product is not flammable. |
| Hazardous decomposition products in case of fire | : On heating, irritating fumes may be produced. |

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

| | |
|----------------------|---|
| Protective equipment | : Wear protective clothing as described in section 8 of this SDS. |
| Emergency procedures | : Avoid contact with skin and eyes. Ventilate spillage area. |

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According to GB and EU REACH and CLP Regulations

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

Normal use solutions can be disposed to sewers and septic tanks. Large scale spillages or uncontrolled discharges into water systems must be reported to the relevant Environment Agency.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Collect and place spillage in suitable containers. Seal the containers and apply labelling to identify the material and hazards. For disposal see section 13 of this SDS.

Other information : Dispose of via an authorised person/ licensed waste disposal contractor or by other suitable waste treatment techniques.

6.4. Reference to other sections

For further information refer to section 13. See sections 2,8,12,13 &14.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Carefully comply with the instructions for use. Avoid contact with eyes.

Hygiene measures : Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : It is essential that sachets are stored in original packaging in a dry non humid area.

Storage conditions : Store in a dry place. Store in a closed container.

7.3. Specific end use(s)

Non Biocidal Bathroom and Washroom cleaner.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

| Bathroom Cleaner | |
|---|--|
| United Kingdom - Occupational Exposure Limits | |
| Remark | Note general inhalable dust WEL of 10mg/m ³ (TWA) and respirable dust WEL of 4mg/m ³ . |
| Sodium Hydroxide (1310-73-2) | |
| United Kingdom - Occupational Exposure Limits | |
| Local name | Sodium hydroxide |
| WEL TWA (OEL TWA) [1] | ≤ 2 mg/m ³ |
| WEL STEL (OEL STEL) | 2 mg/m ³ |
| Regulatory reference | UK (HSE EH40/2005 (Fourth edition, 2020) Publication |

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

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Safety Data Sheet

According to GB and EU REACH and CLP Regulations

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.

8.2.2. Personal protection equipment

Personal protective equipment:

Gloves. Safety glasses.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Safety glasses. In normal use eye protection is not required. During manufacture and packing operations, eye protection is recommended. Refer to EN166 to select appropriate level of protection.

8.2.2.2. Skin protection

Hand protection:

During normal use gloves are not required. During manufacture and packing operations, the use of gloves with a breakthrough time >60 minutes is recommended. Refer to EN374 to select appropriate level of protection. Rubber and PVC gloves are recommended. NOTE:- Use of gloves is a good general hygiene practice.

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Note:- This would be very unusual in normal use.

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid large scale release of undiluted material to the environment.

Other information:

The PPE indicated in this SDS is not a COSHH assessment. It represents the PPE that should be considered for the neat product at all stages of the products life cycle, including manufacture, packing, distribution, use and disposal. Use solutions are unclassified, but for these we recommend use of gloves as minimum PPE.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|---------------------|
| Physical state | : Solid |
| Appearance | : Powder. |
| Colour | : pink. red. |
| Odour | : Fresh |
| Odour threshold | : No data available |
| pH | : No data available |
| pH solution | : 4 – 5 @1% |
| Relative evaporation rate (butylacetate=1) | : Not applicable. |
| Melting point | : Not applicable |
| Freezing point | : Not applicable |
| Boiling point | : Not applicable |
| Flash point | : Not applicable |
| Auto-ignition temperature | : Not applicable |

Bathroom Cleaner

Safety Data Sheet

According to GB and EU REACH and CLP Regulations

| | |
|---|--------------------------------|
| Decomposition temperature | : Not applicable |
| Flammability (solid, gas) | : Not Flammable |
| Vapour pressure | : Not applicable |
| Relative vapour density at 20°C | : Not applicable |
| Relative density | : 0.7 – 0.8 @20 Degrees C |
| Solubility | : Completely soluble in water. |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Viscosity, kinematic | : Not applicable |
| Viscosity, dynamic | : No data available |
| Explosive properties | : Product is not explosive. |
| Oxidising properties | : Not oxidising. |
| Explosive limits | : Not applicable |

9.2. Other information

| | |
|-------------|--------------------|
| VOC content | : Contains no VOCs |
| Volatility | : Non Volatile |

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. Do not mix with other chemicals.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Store away from moisture in a closed container.

10.5. Incompatible materials

Strong acids. Oxidising agents. Mixing with Hypochlorite (Bleach) based products can result in the evolution of Chlorine Gas.

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 toxicological effects

| | |
|-----------------------------|------------------|
| Acute toxicity (oral) | : Not classified |
| Acute toxicity (dermal) | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

| ISOBORNYL ACETATE (125-12-2) | |
|---|---------------------------------------|
| LD50 oral rat | > 10000 mg/kg bodyweight Animal: rat |
| LD50 oral | 9000 mg/kg bodyweight Animal: mouse |
| LD50 dermal rabbit | 20000 mg/kg bodyweight Animal: rabbit |
| ATE CLP (oral) | 9000 mg/kg bodyweight |
| ATE CLP (dermal) | 20000 mg/kg bodyweight |
| β-Alanine, N-(2-carboxyethyl)-,N-coco alykyl derivs.,Disodium Salt (90170-43-7) | |
| LD50 oral rat | ≈ 2000 mg/kg |

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Safety Data Sheet

According to GB and EU REACH and CLP Regulations

REACTION PRODUCT OF BENZENE SULPHONIC ACID, C10-C14 SEC ALKYL DERIVS and BENZENE SULPHONIC ACID 4 METHYL AND SODIUM HYDROXIDE

| | |
|-----------------------------------|--|
| LD50 oral rat | ≥ 3346 mg/kg bodyweight Animal: rat, Guideline: EPA OTS 798.1175 (Acute Oral Toxicity), 95% CL: 3196 - 3503 |
| LD50 dermal rat | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Remarks on results: other: |
| Skin corrosion/irritation | : Causes skin irritation. |
| Serious eye damage/irritation | : Causes serious eye irritation. |
| Respiratory or skin sensitisation | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : This mixture is not classified as a carcinogen. |
| Reproductive toxicity | : This mixture has no reproductive/foetal harm classifications and is not expected to be a risk to expectant mothers. |
| STOT-single exposure | : Not classified |
| STOT-repeated exposure | : Not classified |
| Aspiration hazard | : Not classified |

Bathroom Cleaner

| | |
|----------------------|----------------|
| Viscosity, kinematic | Not applicable |
|----------------------|----------------|

ISOBORNYL ACETATE (125-12-2)

| | |
|----------------------|--|
| Viscosity, kinematic | 4525 mm²/s Temp.: '40°C' Parameter: 'kinematic viscosity (in mm²/s)' |
|----------------------|--|

sodium carbonate (497-19-8)

| | |
|----------------------|----------------|
| Viscosity, kinematic | Not applicable |
|----------------------|----------------|

REACTION PRODUCT OF BENZENE SULPHONIC ACID, C10-C14 SEC ALKYL DERIVS and BENZENE SULPHONIC ACID 4 METHYL AND SODIUM HYDROXIDE

| | |
|----------------------|----------------|
| Viscosity, kinematic | Not applicable |
|----------------------|----------------|

SECTION 12: Ecological information

12.1. Toxicity

| | |
|---|---|
| Ecology - general | : Normal use solutions of this product are not classified for environmental harm. |
| Hazardous to the aquatic environment, short-term (acute) | : Not classified |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified |
| Not rapidly degradable | |

ISOBORNYL ACETATE (125-12-2)

| | |
|----------------------|--|
| LC50 - Fish [1] | 10 – 18 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) |
| EC50 - Crustacea [1] | 19.3 mg/l Test organisms (species): Daphnia magna |
| EC50 72h - Algae [1] | > 16.6 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) |

REACTION PRODUCT OF BENZENE SULPHONIC ACID, C10-C14 SEC ALKYL DERIVS and BENZENE SULPHONIC ACID 4 METHYL AND SODIUM HYDROXIDE

| | |
|----------------------|--|
| EC50 - Crustacea [1] | 8.8 mg/l Test organisms (species): Daphnia magna |
| EC50 72h - Algae [1] | 25 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) |
| EC50 72h - Algae [2] | 72 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) |

Bathroom Cleaner

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REACTION PRODUCT OF BENZENE SULPHONIC ACID, C10-C14 SEC ALKYL DERIVS and BENZENE SULPHONIC ACID 4 METHYL AND SODIUM HYDROXIDE

| | |
|-------------------|---|
| 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' |

12.2. Persistence and degradability

| | |
|-------------------------------|--|
| Bathroom Cleaner | |
| Persistence and degradability | The Surfactants and Chelants used in this mixture are Biodegradable. |

12.3. Bioaccumulative potential

| | |
|---------------------------|--------------------------------|
| Bathroom Cleaner | |
| Bioaccumulative potential | Not expected to Bioaccumulate. |

ISOBORNYL ACETATE (125-12-2)

| | |
|---|---------------------|
| Partition coefficient n-octanol/water (Log Pow) | 3.86 Source: IUCLID |
|---|---------------------|

12.4. Mobility in soil

| | |
|-------------------------|------------------|
| Bathroom Cleaner | |
| Additional information | soluble in water |

ISOBORNYL ACETATE (125-12-2)

| | |
|------------------|-----------------------|
| Mobility in soil | 1730 Source: EPISUITE |
|------------------|-----------------------|

12.5. Results of PBT and vPvB assessment

| | |
|--|--|
| Bathroom Cleaner | |
| This product does not contain any substances classified as PBT | |
| This product does not contain any substances classified as vPvB. | |

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Disposal of this product must comply with local and national environmental legislation.
Sewage disposal recommendations : Small volumes of use solution can be disposed of to sewage drains.

SECTION 14: Transport information

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

| ADR | IMDG | IATA | ADN | RID |
|--------------------------------------|----------------|----------------|----------------|----------------|
| 14.1. UN number | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.2. UN proper shipping name | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |

Bathroom Cleaner

Safety Data Sheet

According to GB and EU REACH and CLP Regulations

| ADR | IMDG | IATA | ADN | RID |
|---|----------------|----------------|----------------|----------------|
| 14.3. Transport hazard class(es) | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.4. Packing group | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.5. Environmental hazards | | | | |
| 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. Transport in bulk according to Annex II of Marpol and the IBC Code

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

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)

VOC Directive (2004/42)

VOC content : Contains no VOCs

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)

Bathroom Cleaner

Safety Data Sheet

According to GB and EU REACH and CLP Regulations

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

GB REACH and CLP regulations.

UK HSE EH40 Publication.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

Issued in new format with no change to classification.

| 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 |
| 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 |

Bathroom Cleaner

Safety Data Sheet

According to GB and EU REACH and CLP Regulations

Abbreviations and acronyms:

| | |
|---------|--|
| 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:

| | |
|-------------------|---|
| 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 |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H412 | Harmful to aquatic life with long lasting effects. |
| Skin Corr. 1A | Skin corrosion/irritation, Category 1, Sub-Category 1A |
| Skin Corr. 1B | Skin corrosion/irritation, Category 1, Sub-Category 1B |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |

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.