

Washing Up Sachets 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 WASHING UP SACHETS.

This unique formulation is contained within a paper sachet 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

Washing Up Sachets are a super concentrated manual use detergent for cleaning crockery, pans, glasses and utensils in sinks. The product is biodegradable and safe for use on normal materials of construction.

Sachets are supplied in the following Pack Sizes:-

| Pack Size | Sachet Type | Order Code | Outer Packaging |
|-----------|-------------|------------|-----------------|
| 3g * 50 | Paper | PA10:50 | Pouch |

- Supplied in convenient water soluble sachets within a compostable / recyclable outer packing.
- High Foam.
- Good soil removal and suspension.
- Safe for hand use.
- Palm Free.
- Vegan Safe Accredited.
- Phosphate Free.

INSTRUCTIONS FOR USE

One Sachet provides 8 – 12L of ready to use washing up solution.

Place one sachet into a sink or washing up bowl of around 10L capacity. Larger sinks may require two sachets.


Add hot water to the sink/bowl, and after a few seconds the sachet will start to dissolve.

When the sink/bowl is full, agitate the water by hand to ensure the detergent is fully mixed (take care not to place hands in scalding water).

Rinse gross debris from crockery, pans, glasses and utensils, then place in the washing up solution to clean. For heavily soiled items a few minutes soak will aid the removal of debris.

Remove clean items from the sink/bowl and allow to drain dry, it may be useful to rinse off excess soapy suds.

TECHNICAL DATA SUMMARY

| | |
|--|---|
| Appearance | Green /Yellow Powder |
| Odour | Practically Odourless |
| Foam | High foam |
| pH of use solution  | 6 – 8.5 |
| Storage Temperature Range | 0°C to +40°C |
| Shelf Life | 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.

| IDENTIFICATION OF THE MATERIAL | |
|--------------------------------|---|
| Product Name | WASHING UP SACHET USE SOLUTION |
| Main Use | Detergent for Professional and Consumer Use. |
| Uses Advised Against | Not for Direct Oral Consumption. Keep Out of Reach of Children. Do Not Mix with other Chemicals/Detergents. |
| Manufacturer | PVA Hygiene, Unit 6 Havyat Business Park, Havyat Road, Bristol, BS40 5PA |
| Telephone | +44 (0) 1934 862859 |

| PHYSICAL AND CHEMICAL PROPERTIES | |
|----------------------------------|---------------|
| Appearance | Foamy Liquid |
| Colour | Green |
| pH | Circa 6 – 8.5 |

| 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, but for extended regular use gloves should be considered to prevent drying of skin. Eye protection should be considered if there is a significant risk of eye contact through splashing. |
| First Aid | <p>EYES:- May cause temporary stinging. Rinse with plenty of water.</p> <p>SKIN:- Repeated extended use in hot water 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, 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. |

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

1.1. Product identifier

Product name : WASHING UP SACHET
UFI : M2ET-2Q7K-4EN7-NV68 ((UFI for EU use Only))
Product code : A10:50, PA10:50, X10:50,WUL

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 : Manual Dishwash Detergent

1.2.2. Uses advised against

Restrictions on use : Not for Oral Consumption, Not for Direct Application to Food Stuffs

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 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

Note:- Use solutions are UNCLASSIFIED for Health, Environment and Physical Hazards. Information in section 2.2 below refers only to the concentrated product.

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS05

Signal word (CLP) : Danger
Contains : Sulphonic Acids C14-16 (even numbered)-alkane hydroxy and C14-16 (even numbered)-alkene sodium salts; Alcohols C9-11, Ethoxylated
Hazard statements (CLP) : H315 - Causes skin irritation.
H318 - Causes serious eye damage.
H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements (CLP) : P102 - Keep out of reach of children.
P273 - Avoid release to the environment.

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According to GB and EU REACH and CLP Regulations

P280 - Wear protective gloves, eye protection.
P302+P352 - IF ON SKIN: Wash with plenty of 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.
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 to national regulations.

2.3. Other hazards

Other hazards which do not result in classification : To the best of our knowledge this product contains no Endocrine disrupting substances.

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 |
|--|---|------------------|--|
| Sulphonic Acids C14-16 (even numbered)-alkane hydroxy and C14-16 (even numbered)-alkene sodium salts | EC-No.: 931-534-0 REACH-no: 01-2119513401-57 | $\geq 50 - < 70$ | Skin Irrit. 2, H315 Eye Dam. 1, H318 |
| Sodium Xylene Sulphonate | CAS-No.: 1300-72-7 EC-No.: 215-090-9 REACH-no: 01-2119513350-56 | $\geq 5 - < 15$ | Eye Irrit. 2, H319 |
| Alcohols C9-11, Ethoxylated | CAS-No.: 68439-46-3 | $\geq 0.5 - < 5$ | Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Aquatic Chronic 2, H411 |

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 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 : 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. 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.

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

Symptoms/effects : Neat product can cause eye damage and skin irritation. Diluted product is unclassified, but eye contact should be treated as above.

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Safety Data Sheet

According to GB and EU REACH and CLP Regulations

| | |
|-------------------------------------|--|
| Symptoms/effects after inhalation | : Unlikely route of exposure, but inhalation of dilute solution droplets may result in a sore throat. |
| Symptoms/effects after skin contact | : Irritating to skin. |
| Symptoms/effects after eye contact | : Causes serious eye burns. |
| 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. If Powder is ingested, irritation and burning to the mouth and GI tract may 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 together with mild irritation to the lips, throat and GI tract. |

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.

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

| | |
|----------------------|--|
| 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

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

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 skin and eyes. |
| Hygiene measures | : Always wash hands after handling the product. |

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Safety Data Sheet

According to GB and EU REACH and CLP Regulations

7.2. Conditions for safe storage, including any incompatibilities

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

7.3. Specific end use(s)

Manual Washing Up liquid. Place sachet in sink or washing up bowl, add warm water to fill the sink/bowl. Place dirty items in solution to wash. Give consideration to rinsing in clean water.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

| WASHING UP SACHET | |
|---|---|
| United Kingdom - Occupational Exposure Limits | |
| Remark | No exposure limits known for ingredients. |

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. Comment relates to the manufacture and packing processes for this product.

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:

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

Skin and body protection:

In normal use protective clothing is not required.

Hand protection:

During normal occasional use, gloves are not required. For extended regular use, gloves should be considered. During the manufacturing and packaging stages of the products life cycle, gloves should be used. Gloves with a break through time >60 minutes should be used. Suitable materials are Rubber and PVC. Refer to EN374 for detailed selection.

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According to GB and EU REACH and CLP Regulations

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

Thermal hazard protection:

Avoid use of scalding hot water when washing up.

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release 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 | : greenish yellow to yellow. |
| Odour | : odourless. |
| Odour threshold | : No data available |
| pH | : 6 – 8.5 @1% |
| pH solution | : ≥ 0 |
| 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 |
| Decomposition temperature | : Not applicable |
| Flammability (solid, gas) | : Non flammable. |
| Vapour pressure | : Not applicable |
| Relative vapour density at 20°C | : Not applicable |
| Relative density | : Not applicable |
| Density | : $\approx 0.43 \text{ g/cm}^3$ |
| 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

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.

WASHING UP SACHET

Safety Data Sheet

According to GB and EU REACH and CLP Regulations

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. Do not mix with Bleach or products containing Sodium Hypochlorite, this could result in dangerous heating of the solution.

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

Sulphonic Acids C14-16 (even numbered)-alkane hydroxy and C14-16 (even numbered)-alkene sodium salts

| | |
|-----------------------|--------------|
| LD50 oral rat | ≈ 2079 mg/kg |
| LD50 dermal rabbit | ≈ 6300 mg/kg |
| LC50 Inhalation - Rat | > 52 mg/l |

Sodium Xylene Sulphonate (1300-72-7)

| | |
|-----------------|--------------|
| LD50 oral rat | ≈ 7000 ml/kg |
| LD50 dermal rat | ≈ 2000 mg/kg |

Alcohols C9-11, Ethoxylated (68439-46-3)

| | |
|-----------------|------------------|
| LD50 oral rat | 300 – 2000 ml/kg |
| LD50 dermal rat | > 2000 ml/kg |

Skin corrosion/irritation : Causes skin irritation.
pH: 6 – 8.5 @1%
Serious eye damage/irritation : Causes serious eye damage.
pH: 6 – 8.5 @1%
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : This mixture is not classified as a carcinogen.

Sulphonic Acids C14-16 (even numbered)-alkane hydroxy and C14-16 (even numbered)-alkene sodium salts

| | |
|---|------------------------|
| NOAEL (chronic, oral, animal/male, 2 years) | ≈ 259 mg/kg bodyweight |
|---|------------------------|

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

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

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Safety Data Sheet

According to GB and EU REACH and CLP Regulations

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) : Harmful to aquatic life with long lasting effects.

Sulphonic Acids C14-16 (even numbered)-alkane hydroxy and C14-16 (even numbered)-alkene sodium salts

| | |
|----------------------|-------------|
| LC50 - Fish [1] | ≈ 4.2 mg/l |
| EC50 - Crustacea [1] | ≈ 4.53 mg/l |
| EC50 72h - Algae [1] | ≈ 5.2 mg/l |

Sodium Xylene Sulphonate (1300-72-7)

| | |
|----------------------|-------------|
| LC50 - Fish [1] | ≈ 1000 mg/l |
| EC50 - Crustacea [1] | ≈ 1000 mg/l |
| EC50 72h - Algae [1] | ≈ 230 mg/l |

Alcohols C9-11, Ethoxylated (68439-46-3)

| | |
|----------------------|-------------|
| LC50 - Fish [1] | 1 – 10 mg/l |
| EC50 - Crustacea [1] | 1 – 10 g/l |
| EC50 72h - Algae [1] | 1 – 10 mg/l |

12.2. Persistence and degradability

WASHING UP SACHET

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

12.3. Bioaccumulative potential

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

12.4. Mobility in soil

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| | |
|------------------------|------------------|
| Additional information | soluble in water |
|------------------------|------------------|

12.5. Results of PBT and vPvB assessment

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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

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Safety Data Sheet

According to GB and EU REACH and CLP Regulations

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 |
| 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)

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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)

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

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:

Inclusion of EU UFI code and additional comments in section 7.

| 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 |

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According to GB and EU REACH and CLP Regulations

| Abbreviations and acronyms: | |
|-----------------------------|--|
| 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 |
| 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 (Oral) | Acute toxicity (oral), Category 4 |
| Aquatic Chronic 2 | Hazardous to the aquatic environment – Chronic Hazard, Category 2 |
| 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. |
| H411 | Toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |
| 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.