

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

1.1. Product identifier

Product form : Mixture
Trade name : Enzyme Odour Eater
Product code : IC1

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

1.2.1. Relevant identified uses

Intended for general public
Use of the substance/mixture : Vehicle cleaning/vehicle care product
Function or use category : Cleaning/washing agents and additives

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

ValetPRO Limited
Unit A1, Eastside Business Park
Beach Road
BN9 0FB Newhaven - United Kingdom
T +44 (0) 1323 287980
sds@valetpro.eu - www.valetpro.eu

1.4. Emergency telephone number

Emergency number : +44(0)1323 287980
Office hours in English only

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] Mixtures/Substances: SDS EU 2015: According to Regulation (EU) 2015/830 (REACH Annex II)

Serious eye damage/eye irritation, Category 1 H318
Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

Causes serious eye damage.

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS05

Signal word (CLP) : Danger
Hazardous ingredients : Benzenesulfonic acid, mono-C1-14-alkyl derivs., sodium salts; Alcohols, C6-12, ethoxylated
Hazard statements (CLP) : H318 - Causes serious eye damage.
Precautionary statements (CLP) : P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
P280 - Wear protective gloves, eye protection.
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 doctor.
EUH-statements : EUH208 - Contains 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one. May produce an allergic reaction.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

3.2. Mixtures

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|--|--------|--|
| Benzenesulfonic acid, mono-C1-14-alkyl derivs., sodium salts | (CAS-No.) 85117-50-6 (EC-No.) 285-600-2 | 1 - 10 | Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 |
| 2-butoxyethanol; ethyleneglycol monobutyl ether; butyl cellosolve | (CAS-No.) 111-76-2 (EC-No.) 203-905-0 (EC Index-No.) 603-014-00-0 | 1 - 10 | Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 |
| Alcohols, C6-12, ethoxylated | (CAS-No.) 68439-45-2 (EC-No.) 614-481-5 | 1 - 10 | Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 |
| Oxirane, 2-methyl-, polymer with oxirane,mono(2-propylheptyl) ether | (CAS-No.) 166736-08-9 | 1 - 10 | Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 |
| 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one | (CAS-No.) 2634-33-5 (EC-No.) 220-120-9 (EC Index-No.) 613-088-00-6 | < 0.1 | Acute Tox. 2 (Oral), H300 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 3, H412 |

Specific concentration limits: see section 16

Full text of H-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 : 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 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.

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.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

| | |
|-------------------------------|--|
| Precautions for safe handling | : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment. |
| Hygiene measures | : 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

| 2-butoxyethanol; ethyleneglycol monobutyl ether; butyl cellosolve (111-76-2) | | |
|--|---------------------------------|---|
| EU | Local name | 2-Butoxyethanol |
| EU | IOELV TWA (mg/m ³) | 98 mg/m ³ |
| EU | IOELV TWA (ppm) | 20 ppm |
| EU | IOELV STEL (mg/m ³) | 246 mg/m ³ |
| EU | IOELV STEL (ppm) | 50 ppm |
| United Kingdom | Local name | 2-Butoxyethanol |
| United Kingdom | WEL TWA (mg/m ³) | 123 mg/m ³ |
| United Kingdom | WEL TWA (ppm) | 25 ppm |
| United Kingdom | WEL STEL (mg/m ³) | 246 mg/m ³ |
| United Kingdom | WEL STEL (ppm) | 50 ppm |
| United Kingdom | Remark (WEL) | Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity), BMGV (Biological monitoring guidance values are listed in Table 2) |
| United Kingdom | Regulatory reference | EH40. HSE |

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

| Hand protection: | | | | | |
|--|----------------------|------------------|----------------|-------------|----------|
| Protective gloves | | | | | |
| Type | Material | Permeation | Thickness (mm) | Penetration | Standard |
| Disposable gloves, Reusable gloves | Nitrile rubber (NBR) | 2 (> 30 minutes) | | | EN 374 |
| Eye protection: | | | | | |
| Safety glasses | | | | | |
| Type | Use | Characteristics | | Standard | |
| Safety goggles | Droplet | | | EN 166 | |
| Skin and body protection: | | | | | |
| Wear suitable protective clothing | | | | | |
| Respiratory protection: | | | | | |
| In case of insufficient ventilation, wear suitable respiratory equipment | | | | | |

Personal protective equipment symbol(s):



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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 |
| Appearance | : Aqueous solution. |
| Colour | : Cloudy. |
| Odour | : Detergent. |
| Odour threshold | : No data available |
| pH | : 6.5 - 7.5 |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Melting point | : Not applicable |
| Freezing point | : No data available |
| Boiling point | : >= 100 °C |
| 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 |
| Solubility | : No data available |
| 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

No additional information available

10.6. Hazardous decomposition products

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

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Oral: Not classified.

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

2-butoxyethanol; ethyleneglycol monobutyl ether; butyl cellosolve (111-76-2)

| | |
|---|-------------------------|
| LD50 oral rat | > 470 mg/kg bodyweight |
| LD50 oral | > 1230 mg/kg bodyweight |
| LC50 inhalation rat (Vapours - mg/l/4h) | > 5.2 mg/l/4h |

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one (2634-33-5)

| | |
|---------------|--|
| LD50 oral rat | 25 mg/kg bodyweight NOAEL (oral, rat, 90 days) |
|---------------|--|

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| | |
|-----------------------------------|---|
| Skin corrosion/irritation | : Not classified. pH: 6.5 - 7.5 |
| Serious eye damage/irritation | : Causes serious eye damage. pH: 6.5 - 7.5 |
| 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 |

SECTION 12: Ecological information

12.1. Toxicity

| | |
|--------------------------|---|
| Ecology - general | : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. |
| Acute aquatic toxicity | : Not classified |
| Chronic aquatic toxicity | : Not classified |

2-butoxyethanol; ethyleneglycol monobutyl ether; butyl cellosolve (111-76-2)

| | |
|--------------------|-----------|
| LC50 fish 1 | 1550 mg/l |
| EC50 Daphnia 1 | 1550 mg/l |
| EC50 72h algae (1) | 911 mg/l |

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one (2634-33-5)

| | |
|--------------------|-----------------------|
| EC50 Daphnia 1 | 3.7 |
| EC50 72h algae (1) | 0.37 mg/l |
| NOEC chronic algae | 0.8 mg/l IC50 (Algae) |

12.2. Persistence and degradability

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one (2634-33-5)

| | |
|-------------------------------|------------------------|
| Persistence and degradability | Readily biodegradable. |
|-------------------------------|------------------------|

12.3. Bioaccumulative potential

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one (2634-33-5)

| | |
|---------|-----|
| Log Pow | 1.3 |
|---------|-----|

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. 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. |
| European List of Waste (LoW) code | : 20 01 29* - detergents containing dangerous substances |

SECTION 14: Transport information

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

14.1. UN number

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

14.2. UN proper shipping name

| | |
|-----------------------------|------------------|
| Proper Shipping Name (ADR) | : Not applicable |
| Proper Shipping Name (IMDG) | : Not applicable |

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

14.3. Transport hazard class(es)

ADR

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

IMDG

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

IATA

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

ADN

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

RID

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

14.4. Packing group

Packing group (ADR) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

Packing group (ADN) : Not applicable

Packing group (RID) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

14.6. Special precautions for user

Overland transport

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

Inland waterway transport

Not applicable

Rail transport

Not applicable

14.7. 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

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

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.

Directive 2012/18/EU (SEVESO III)

15.1.2. National regulations

United Kingdom

British National Regulations

: Hazardous Waste (England and Wales) Regulations 2005.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

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SECTION 16: Other information

| Full text of H- and EUH-statements: | | |
|---|--|---|
| Acute Tox. 2 (Oral) | Acute toxicity (oral), Category 2 | |
| Acute Tox. 4 (Dermal) | Acute toxicity (dermal), Category 4 | |
| Acute Tox. 4 (Inhalation) | Acute toxicity (inhal.), Category 4 | |
| Acute Tox. 4 (Inhalation:dust,mist) | Acute toxicity (inhalation:dust,mist) 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 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 | |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 | |
| Skin Sens. 1 | Skin sensitisation, Category 1 | |
| H300 | Fatal if swallowed. | |
| H302 | Harmful if swallowed. | |
| H312 | Harmful in contact with skin. | |
| H315 | Causes skin irritation. | |
| H317 | May cause an allergic skin reaction. | |
| H318 | Causes serious eye damage. | |
| H319 | Causes serious eye irritation. | |
| H332 | Harmful if inhaled. | |
| H400 | Very toxic to aquatic life. | |
| H412 | Harmful to aquatic life with long lasting effects. | |
| EUH208 | Contains 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one. May produce an allergic reaction. | |
| Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]: | | |
| Eye Dam. 1 | H318 | Calculation method |
| Name | Product identifier | Specific concentration limits |
| Oxirane, 2-methyl-, polymer with oxirane,mono(2-propylheptyl) ether | (CAS-No.) 166736-08-9 | (3 <C <= 55) Eye Irrit. 2, H319 (55 <C < 100) Eye Dam. 1, H318 |
| 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one | (CAS-No.) 2634-33-5 (EC-No.) 220-120-9 (EC Index-No.) 613-088-00-6 | (C >= 0.05) Skin Sens. 1, H317 |

SDS EU (REACH Annex II)

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