SALAD WASH

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

**1.1 - Product identifier**

Trade name/designation SALAD WASH Chemical name

Product-type Mixture

Product code 61301CO BVH

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

Relevant identified uses

- PC35: Washing and cleaning products

(including solvent based products).

**1.3 - Details of the supplier of the safety data sheet**

Biovate Hygienics Ltd

Grafton House

Pury Hill Business Park

NN12 7LS Towcester United Kingdom Telephone: 01328 851407

Website: [www.biovatehygienics.com](http://www.biovatehygienics.com/) Email: info@biovatehygienics.com

**1.4 - Emergency telephone number**

United Kingdom: NHS Direct:111

**SECTION 2: Hazards identification**

**2.1 - Classification of the substance or mixture**

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

|  |  |
| --- | --- |
| Skin Irrit. 2 | Irritation, Category 2 |
| Eye Irrit. 2 | Eye irritation - Category 2 |

**2.2 - Label elements**

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

Signal word

Hazard pictograms

:

Warning

Hazard statements

|  |  |
| --- | --- |
| H315 | Causes skin irritation |
| H319 | Causes serious eye irritation |
| Precautionary statements |

|  |  |
| --- | --- |
| P264 | Wash hands thoroughly after handling. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P302+P352 | IF ON SKIN: Wash with plenty of water and soap. |

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|  |  |
| --- | --- |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P332+P313 | If skin irritation occurs: Get medical advice/attention. |
| P337+P313 | If eye irritation persists: Get medical advice/attention. |
| P362+P364 | Take off contaminated clothing and wash it before reuse. |
| EUH-phrases : None |

**2.3 - Other hazards**

PBT-substance.

- This substance does not meet the PBT/vPvB criteria of

REACH, Annex XIII.

**SECTION 3: Composition / information on ingredients**

**3.1 - Substances**

Not applicable

**3.2 - Mixtures**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Chemical name | No | % | Class(es) | Specific concentration limit |
| phosphoric acid ... %, orthophosphoric acid ... % | CAS No. : 7664-38-2 Index No. : 015-011-00-6 EC No. : 231-633-2 | 0 - 5 | Skin Corr. 1B - H314 | Skin Corr. 1B - H314 : 25>=%<=100Skin Irrit. 2 - H315 : 10>=%<25Eye Irrit. 2 - H319 : 10>=%<25 |
| L-(+)-lactic acid;(2S)-2-hydroxypropanoic acid | CAS No. : 79-33-4Index No. : 607-743-00-5 EC No. : 201-196-2 | 0 - 5 | Eye Dam. 1 - H318 Skin Corr. 1C - H314 | Not applicable |

**SECTION 4: First aid measures**

**4.1 - Description of first aid measures**

Following inhalation

* No special measures are necessary.
* Provide fresh air.

Following skin contact

* After contact with skin, wash immediately with plenty of water

and soap.

* In case of skin irritation, consult a physician.

After eye contact

* Rinse immediately carefully and thoroughly with eye-bath or

water.

* In case of eye irritation consult an ophthalmologist.

After ingestion

* Rinse mouth thoroughly with water.
* Do NOT induce vomiting.

**4.2 - Most important symptoms and effects, both acute and delayed**

Symptoms and effects - Following inhalation - There may be mild irritation of the chest

Symptoms and effects - Following skin contact - Causes skin irritation.

Symptoms and effects - After eye contact - Causes eye irritation.

Symptoms and effects - After ingestion

- There may be soreness and redness of the mouth and

throat. Nausea and stomach pain may occur.

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**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

* ABC-powder
* Carbon dioxide (CO2)
* Foam
* Extinguishing powder

Unsuitable extinguishing media - Full water jet

**5.2 - Special hazards arising from the substance or mixture**

Special hazards arising from the substance or - Thermal decomposition can lead to release of irritating mixture gases and vapors. Keep product and empty container away

from heat and sources of ignition.

**5.3 - Advice for firefighters**

* Co-ordinate fire-fighting measures to the fire surroundings.
* Wear a self-contained breathing apparatus and chemical protective clothing.

**SECTION 6: Accidental release measures**

**6.1 - Personal precautions, protective equipment and emergency procedures**

For non-emergency personnel

* Use personal protection equipment.
* Turn leaking containers upside to prevent further escape of liquid

For emergency responders - No information available.

**6.2 - Environmental precautions**

* Do not allow large spills to enter into surface water or drains.
* Ensure waste is collected and contained.
* Small spillages can be rinsed away with plenty of water.

**6.3 - Methods and material for containment and cleaning up**

Methods and material for containment - Clear spills immediately.

Methods and material for cleaning up

* Absorb with liquid-binding material (sand, diatomaceous

earth, acid- or universal binding agents).

* Wash with plenty of water.

Inappropriate techniques - No information available.

**6.4 - Reference to other sections**

* Disposal: see section 13
* Personal protection equipment: see section 8

**SECTION 7: Handling and storage**

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**7.1 - Precautions for safe handling**

Recommendation

* Avoid: Eye contact
* Avoid: Skin contact
* Ensure adequate ventilation

Advices on general occupational hygiene

* Wash hands before breaks and after work.
* When using do not eat, drink, smoke, sniff.

**7.2 - Conditions for safe storage, including any incompatibilities**

* Keep container tightly closed in a cool, well-ventilated place.
* Only use containers specifically approved for the substance/product.

**7.3 - Specific end use(s)**

**SECTION 8: Exposure controls/personal protection**

**8.1 - Control parameters**

**8.2 - Exposure controls**

Appropriate engineering controls - Ensure there is sufficient ventilation

Individual protection measures, such as personal - Eye protection protective equipment

* Protective Clothing
* Protective gloves
* Wash hands thoroughly after handling.

**SECTION 9: Physical and chemical properties**

**9.1 - Information on basic physical and chemical properties**

|  |  |  |  |
| --- | --- | --- | --- |
| Physical state | Liquid | Appearance | Liquid |
| Colour | colourless | Odour | odourless |

|  |  |
| --- | --- |
| Odour threshold | No data available |
| pH | 2 |
| Melting point | No data available |
| Freezing point | No data available |
| Boiling point | 100 °C |
| Flash point | > 110 °C |
| Evaporation rate | No data available |
| flammability | No data available |
| Lower explosion limit | No data available |
| Upper explosion limit | No data available |

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|  |  |
| --- | --- |
| Vapour pressure | No data available |
| Vapour density | No data available |
| Relative density | No data available |
| Density | No data available |
| Solubility (Water) | Soluble in water. |
| Solubility (Ethanol) | No data available |
| Solubility (Acetone) | No data available |
| Solubility (Organic solvents) | No data available |
| Log KOC | No data available |
| Auto-ignition temperature | No data available |
| Decomposition temperature | No data available |
| Kinematic viscosity | No data available |
| Dynamic viscosity | Non-viscous |

Particle characteristics

Particle size

No data available

**9.2 - Other information**

|  |  |
| --- | --- |
| VOC content | No data available |
| Minimum ignition energy | No data available |
| Conductivity | No data available |

**SECTION 10: Stability and reactivity**

**10.1 - Reactivity**

- This material is considered to be non-reactive under normal use conditions.

**10.2 - Chemical stability**

- The product is chemically stable under recommended conditions of storage, use and temperature.

**10.3 - Possibility of hazardous reactions**

- No hazardous reaction when handled and stored according to provisions.

**10.4 - Conditions to avoid**

* Avoid direct sunlight.
* Avoid excessive heat for prolonged periods of time.

**10.5 - Incompatible materials**

- Strong Acids and Oxidising Agents

**10.6 - Hazardous decomposition products**

- Does not decompose when used for intended uses.

**SECTION 11: Toxicological information**

**11.1 - Information on hazard classes as defined in Regulation (EC) No 1272/2008**

Acute toxicity - Not classified

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Toxicity : Mixture

|  |  |  |
| --- | --- | --- |
|  | LD50 oral (rat) | No data available |
| LD50 dermal (rat) | No data available |
| LD50 dermal (rabbit) | No data available |
| LC50 inhalation (rat) | No data available |
| LC50 inhalation dusts and mists (rat) | No data available |
| LC50 inhalation vapours (rat) | No data available |

- Based on available data, the classification criteria are not met.

Skin corrosion/irritation - Irritation, Category 2 - Causes skin irritation

- Irritating to skin.

Serious eye damage/eye

irritation

- Eye irritation - Category 2 - Causes serious eye irritation

- Irritating to eyes.

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**

**SECTION 12: Ecological information**

**12.1 - Toxicity**

Toxicity : Mixture

|  |  |
| --- | --- |
| EC50 48 hr crustacea | No data available |
| LC50 96 hr fish | No data available |
| ErC50 algae | No data available |
| ErC50 other aquatic plants | No data available |
| NOEC chronic fish | No data available |
| NOEC chronic crustacea | No data available |
| NOEC chronic algae | No data available |
| NOEC chronic other aquatic plants | No data available |

- The substance/mixture does not fullfill the criteria of the acute aquatic toxicity according to Regulation (EC) No 1272/2008 [CLP], Annex I.

**12.2 - Persistence and degradability**

|  |  |
| --- | --- |
| Biochemical oxygen demand (BOD) | No data available |
| Chemical oxygen demand (COD) | No data available |

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% of biodegradation in 28 days

No data available

- No information available.

**12.3 - Bioaccumulative potential**

|  |  |
| --- | --- |
| Bioconcentration factor (BCF) | No data available |
| Log KOC | No data available |

- No indication of bioaccumulation potential.

**12.4 - Mobility in soil**

- No information available.

**12.5 - Results of PBT and vPvB assessment**

- This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

**12.6 - Endocrine disrupting properties**

**12.7 - Other adverse effects**

- No information available.

**SECTION 13: Disposal considerations**

**13.1 - Waste treatment methods**

Waste treatment methods - Dispose of waste according to applicable legislation.

Sewage disposal - No information available.

Special precautions for waste treatment - No information available.

Community or national or regional provisions - No information available.

**SECTION 14: Transport information**

**14.1 - UN number or ID number**

Not applicable

**14.2 - UN proper shipping name**

**14.3 - Transport hazard class(es)**

**14.4 - Packing group**

**14.5 - Environmental hazards**

**14.6 - Special precautions for user**

**14.7 - Maritime transport in bulk according to IMO instruments**

**SECTION 15: Regulatory information**

**15.1 - Safety, health and environmental regulations/legislation specific for the substance or mixture**

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Substances REACH

candidates

Substances Annex XIV Substances Annex XVII

None

None

None

VOC content No data available

**15.2 - Chemical Safety Assessment**

Chemical safety assessment carried - No information available. out for the product

**SECTION 16: Other information**

SDS versions

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Issue date | Author | Description of the amendments |
| 1 | 07/02/2022 |  |  |

Texts of the regulatory sentences

|  |  |
| --- | --- |
| Eye Dam. 1 | Serious eye damage, Category 1 |
| Eye Irrit. 2 | 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 |
| Skin Corr. 1B | Skin corrosion, Category 1B |
| Skin Corr. 1C | Skin corrosion, Category 1C |
| Skin Irrit. 2 | Irritation, Category 2 |

**\*\*\* \*\*\* \*\*\***