



## Bulk Blendz Horse Shampoo

### A.B.W Online

Chemwatch: 24-9187

Version No: 4.1

Safety Data Sheet according to Work Health and Safety Regulations (Hazardous Chemicals) 2023 and ADG requirements

Chemwatch Hazard Alert Code: 1

Initial Date: 01/11/2009

Revision Date: 23/12/2022

Print Date: 04/02/2026

S.GHS.AUS.EN

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

### Product Identifier

|                               |                           |
|-------------------------------|---------------------------|
| Product name                  | Bulk Blendz Horse Shampoo |
| Chemical Name                 | Not Applicable            |
| Synonyms                      | Not Available             |
| Chemical formula              | Not Applicable            |
| Other means of identification | Not Available             |

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

|                          |               |
|--------------------------|---------------|
| Relevant identified uses | Hair shampoo. |
|--------------------------|---------------|

### Details of the manufacturer or importer of the safety data sheet

|                         |                                                                               |
|-------------------------|-------------------------------------------------------------------------------|
| Registered company name | A.B.W Online                                                                  |
| Address                 | 24 Lisa Place Coolaroo VIC 3048 Australia                                     |
| Telephone               | +1300 096 435                                                                 |
| Fax                     | +61 3 9351 1077                                                               |
| Website                 | <a href="http://www.bulkwholesale.com.au">http://www.bulkwholesale.com.au</a> |
| Email                   | <a href="mailto:orders@bulkwholesale.com.au">orders@bulkwholesale.com.au</a>  |

### Emergency telephone number

|                                     |               |                                     |
|-------------------------------------|---------------|-------------------------------------|
| Association / Organisation          | A.B.W Online  | CHEMWATCH EMERGENCY RESPONSE (24/7) |
| Emergency telephone number(s)       | 0411 387 097  | +61 1800 951 288 (ID#: 24-9187)     |
| Other emergency telephone number(s) | Not Available | +61 3 9573 3188                     |

## SECTION 2 Hazards identification

### Classification of the substance or mixture

|                               |                                                                                                                                     |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Poisons Schedule              | Not Applicable                                                                                                                      |
| Classification <sup>[1]</sup> | Serious Eye Damage/Eye Irritation Category 2B                                                                                       |
| Legend:                       | 1. Classified by Chemwatch; 2. Classification drawn from HCIS; 3. Classification drawn from Regulation (EU) No 1272/2008 - Annex VI |

### Label elements

|                     |                |
|---------------------|----------------|
| Hazard pictogram(s) | Not Applicable |
| Signal word         | Warning        |

### Hazard statement(s)

|      |                        |
|------|------------------------|
| H320 | Causes eye irritation. |
|------|------------------------|

### Precautionary statement(s) Prevention

|      |                                                                 |
|------|-----------------------------------------------------------------|
| P264 | Wash all exposed external body areas thoroughly after handling. |
|------|-----------------------------------------------------------------|

### Precautionary statement(s) Response

|                |                                                                                                                                  |
|----------------|----------------------------------------------------------------------------------------------------------------------------------|
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
|----------------|----------------------------------------------------------------------------------------------------------------------------------|

**P337+P313** If eye irritation persists: Get medical advice/attention.

**Precautionary statement(s) Storage**

Not Applicable

**Precautionary statement(s) Disposal**

Not Applicable

No further product hazard information.

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

See section below for composition of Mixtures

**Mixtures**

| CAS No        | %[weight] | Name                     |
|---------------|-----------|--------------------------|
| Not Available | 10-30     | surfactants nonhazardous |
| Not Available | <1        | perfume                  |
| Not Available | <1        | dye                      |
| Not Available | <1        | preservative             |
| 7732-18-5     | >60       | <u>water</u>             |

**Legend:** 1. Classified by Chemwatch; 2. Classification drawn from HCIS; 3. Classification drawn from Regulation (EU) No 1272/2008 - Annex VI; 4. Classification drawn from C&L; \* EU IOELVs available

**SECTION 4 First aid measures****Description of first aid measures**

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye Contact</b>  | <p>If this product comes in contact with eyes:</p> <ul style="list-style-type: none"> <li>Wash out immediately with water.</li> <li>If irritation continues, seek medical attention.</li> <li>Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.</li> </ul>                                                                                                                                                                                                                                                                     |
| <b>Skin Contact</b> | <p>Seek medical attention if irritation occurs.</p> <p>Wipe off excess with absorbent tissue or towel.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Inhalation</b>   | <ul style="list-style-type: none"> <li>If fumes, aerosols or combustion products are inhaled remove from contaminated area.</li> <li>Other measures are usually unnecessary.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Ingestion</b>    | <ul style="list-style-type: none"> <li>If swallowed do <b>NOT</b> induce vomiting.</li> <li>If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.</li> <li>Observe the patient carefully.</li> <li>Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.</li> <li>Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink.</li> <li>Seek medical advice.</li> </ul> |

**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**SECTION 5 Firefighting measures****Extinguishing media**

- There is no restriction on the type of extinguisher which may be used.
- Use extinguishing media suitable for surrounding area.

**Special hazards arising from the substrate or mixture**

|                             |                                                                         |
|-----------------------------|-------------------------------------------------------------------------|
| <b>Fire Incompatibility</b> | Avoid contamination with strong oxidising agents as ignition may result |
|-----------------------------|-------------------------------------------------------------------------|

**Advice for firefighters**

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Fire Fighting</b>         | <ul style="list-style-type: none"> <li>Use water delivered as a fine spray to control fire and cool adjacent area.</li> <li><b>Do not</b> approach containers suspected to be hot.</li> <li>Cool fire exposed containers with water spray from a protected location.</li> <li>If safe to do so, remove containers from path of fire.</li> </ul>                                                                                                                                                                          |
| <b>Fire/Explosion Hazard</b> | <ul style="list-style-type: none"> <li>Non combustible.</li> <li>Not considered to be a significant fire risk.</li> <li>Expansion or decomposition on heating may lead to violent rupture of containers.</li> <li>Decomposes on heating and may produce toxic fumes of carbon monoxide (CO).</li> </ul> <p>Other decomposition products include:</p> <ul style="list-style-type: none"> <li>carbon dioxide (CO<sub>2</sub>)</li> <li>nitrogen oxides (NO<sub>x</sub>)</li> <li>sulfur oxides (SO<sub>x</sub>)</li> </ul> |
| <b>HAZCHEM</b>               | Not Applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

**SECTION 6 Accidental release measures****Personal precautions, protective equipment and emergency procedures**

See section 8

**Environmental precautions**

Continued...

See section 12

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

|                     |                                                                                                                                                                                                                                                                                                     |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Minor Spills</b> | Clean up all spills immediately.<br>Slippery when spilt.<br>Wipe up.<br>Place in clean drum then flush area with water.                                                                                                                                                                             |
| <b>Major Spills</b> | Slippery when spilt.<br>Minor hazard.<br><ul style="list-style-type: none"> <li>▶ Clear area of personnel.</li> <li>▶ Alert Fire Brigade and tell them location and nature of hazard.</li> <li>▶ Control personal contact with the substance, by using protective equipment as required.</li> </ul> |

Personal Protective Equipment advice is contained in Section 8 of the SDS.

**SECTION 7 Handling and storage****Precautions for safe handling**

|                          |                                                                                                                                                                                                                                                                     |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Safe handling</b>     | <ul style="list-style-type: none"> <li>▶ Limit all unnecessary personal contact.</li> <li>▶ Wear protective clothing when risk of exposure occurs.</li> <li>▶ Use in a well-ventilated area.</li> <li>▶ <b>When handling DO NOT eat, drink or smoke.</b></li> </ul> |
| <b>Other information</b> | <ul style="list-style-type: none"> <li>▶ Store in original containers.</li> <li>▶ Keep containers securely sealed.</li> <li>▶ Store in a cool, dry, well-ventilated area.</li> <li>▶ Store away from incompatible materials and foodstuff containers.</li> </ul>    |

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

|                                |                   |
|--------------------------------|-------------------|
| <b>Suitable container</b>      | Plastic container |
| <b>Storage incompatibility</b> | None known        |

**SECTION 8 Exposure controls / personal protection****Control parameters**

Occupational Exposure Limits (OEL)

**INGREDIENT DATA**

Not Available

**Exposure controls**

|                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Appropriate engineering controls</b>                                      | None under normal operating conditions.                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Individual protection measures, such as personal protective equipment</b> |                                                                                                                                                                                                                                                                                                                                                       |
| <b>Eye and face protection</b>                                               | No special equipment for minor exposure i.e. when handling small quantities.<br><b>OTHERWISE:</b> <ul style="list-style-type: none"> <li>▶ Safety glasses with side shields.</li> <li>▶ Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lenses or restrictions on use, should be created for each workplace or task.</li> </ul> |
| <b>Skin protection</b>                                                       | See Hand protection below                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Hands/feet protection</b>                                                 | No special equipment needed when handling small quantities.<br><b>OTHERWISE:</b> Wear chemical protective gloves, e.g. PVC.                                                                                                                                                                                                                                                                                                              |
| <b>Body protection</b>                                                       | See Other protection below                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Other protection</b>                                                      | None under normal operating conditions.                                                                                                                                                                                                                                                                                                                                                                                                  |

**Recommended material(s)****GLOVE SELECTION INDEX**

Glove selection is based on a modified presentation of the:

**"Forsberg Clothing Performance Index".**The effect(s) of the following substance(s) are taken into account in the **computer-generated** selection:  
Horse Shampoo

| Material       | CPI |
|----------------|-----|
| BUTYL          | A   |
| NEOPRENE       | A   |
| VITON          | A   |
| NATURAL RUBBER | C   |
| PVA            | C   |

\* CPI - Chemwatch Performance Index

A: Best Selection

B: Satisfactory; may degrade after 4 hours continuous immersion

C: Poor to Dangerous Choice for other than short term immersion

**NOTE:** As a series of factors will influence the actual performance of the glove, a final selection must be based on detailed observation. -

Continued...

\* Where the glove is to be used on a short term, casual or infrequent basis, factors such as "feel" or convenience (e.g. disposability), may dictate a choice of gloves which might otherwise be unsuitable following long-term or frequent use. A qualified practitioner should be consulted.

#### Ansell Glove Selection

**Glove** — *In order of recommendation*

AlphaTec 02-100

AlphaTec® Solvex® 37-185

AlphaTec® 38-612

AlphaTec® 58-008

AlphaTec® 58-530B

AlphaTec® 58-530W

AlphaTec® 58-735

AlphaTec® 79-700

AlphaTec® Solvex® 37-675

DermaShield™ 73-711

The suggested gloves for use should be confirmed with the glove supplier.

## SECTION 9 Physical and chemical properties

### Information on basic physical and chemical properties

|                                                       |                                                          |                                                            |                |
|-------------------------------------------------------|----------------------------------------------------------|------------------------------------------------------------|----------------|
| <b>Appearance</b>                                     | Light green gel with a pleasant odour; mixes with water. |                                                            |                |
| <b>Physical state</b>                                 | Liquid                                                   | <b>Relative density (Water = 1)</b>                        | 1.00           |
| <b>Odour</b>                                          | Not Available                                            | <b>Partition coefficient n-octanol / water</b>             | Not Available  |
| <b>Odour threshold</b>                                | Not Available                                            | <b>Auto-ignition temperature (°C)</b>                      | Not Available  |
| <b>pH (as supplied)</b>                               | 8-9                                                      | <b>Decomposition temperature (°C)</b>                      | Not Available  |
| <b>Melting point / freezing point (°C)</b>            | Not Available                                            | <b>Viscosity (cSt)</b>                                     | Not Available  |
| <b>Initial boiling point and boiling range (°C)</b>   | 98                                                       | <b>Molecular weight (g/mol)</b>                            | Not Applicable |
| <b>Flash point (°C)</b>                               | Not Applicable                                           | <b>Taste</b>                                               | Not Available  |
| <b>Evaporation rate</b>                               | Not Available                                            | <b>Explosive properties</b>                                | Not Available  |
| <b>Flammability</b>                                   | Not Applicable                                           | <b>Oxidising properties</b>                                | Not Available  |
| <b>Upper Explosive Limit (%)</b>                      | Not Applicable                                           | <b>Surface Tension (dyn/cm or mN/m)</b>                    | Not Available  |
| <b>Lower Explosive Limit (%)</b>                      | Not Applicable                                           | <b>Volatile Component (%vol)</b>                           | Not Available  |
| <b>Vapour pressure (kPa)</b>                          | Not Available                                            | <b>Gas group</b>                                           | Not Available  |
| <b>Solubility in water</b>                            | Miscible                                                 | <b>pH as a solution (1%)</b>                               | Not Available  |
| <b>Vapour density (Air = 1)</b>                       | Not Available                                            | <b>VOC g/L</b>                                             | Not Available  |
| <b>Heat of Combustion (kJ/g)</b>                      | Not Available                                            | <b>Ignition Distance (cm)</b>                              | Not Available  |
| <b>Flame Height (cm)</b>                              | Not Available                                            | <b>Flame Duration (s)</b>                                  | Not Available  |
| <b>Enclosed Space Ignition Time Equivalent (s/m3)</b> | Not Available                                            | <b>Enclosed Space Ignition Deflagration Density (g/m3)</b> | Not Available  |

## SECTION 10 Stability and reactivity

|                                           |                                                                                                                                                                                                      |
|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reactivity</b>                         | See section 7                                                                                                                                                                                        |
| <b>Chemical stability</b>                 | <ul style="list-style-type: none"> <li>▶ Unstable in the presence of incompatible materials.</li> <li>▶ Product is considered stable.</li> <li>▶ Hazardous polymerisation will not occur.</li> </ul> |
| <b>Possibility of hazardous reactions</b> | See section 7                                                                                                                                                                                        |
| <b>Conditions to avoid</b>                | See section 7                                                                                                                                                                                        |
| <b>Incompatible materials</b>             | See section 7                                                                                                                                                                                        |
| <b>Hazardous decomposition products</b>   | See section 5                                                                                                                                                                                        |

## SECTION 11 Toxicological information

### Information on toxicological effects

|                                             |                                                                                      |
|---------------------------------------------|--------------------------------------------------------------------------------------|
| <b>a) Acute Toxicity</b>                    | Based on available data, the classification criteria are not met.                    |
| <b>b) Skin Irritation/Corrosion</b>         | Based on available data, the classification criteria are not met.                    |
| <b>c) Serious Eye Damage/Irritation</b>     | There is sufficient evidence to classify this material as eye damaging or irritating |
| <b>d) Respiratory or Skin sensitisation</b> | Based on available data, the classification criteria are not met.                    |

|                             |                                                                   |
|-----------------------------|-------------------------------------------------------------------|
| e) Mutagenicity             | Based on available data, the classification criteria are not met. |
| f) Carcinogenicity          | Based on available data, the classification criteria are not met. |
| g) Reproductivity           | Based on available data, the classification criteria are not met. |
| h) STOT - Single Exposure   | Based on available data, the classification criteria are not met. |
| i) STOT - Repeated Exposure | Based on available data, the classification criteria are not met. |
| j) Aspiration Hazard        | Based on available data, the classification criteria are not met. |

|              |                                                                                                                                                                                                                                        |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Inhaled      | Not normally a hazard due to non-volatile nature of product                                                                                                                                                                            |
| Ingestion    | Ingestion may result in nausea, abdominal irritation, pain and vomiting                                                                                                                                                                |
| Skin Contact | Not considered an irritant through normal use.                                                                                                                                                                                         |
| Eye          | The liquid may produce eye discomfort causing temporary smarting and blinking.                                                                                                                                                         |
| Chronic      | Long-term exposure to the product is not thought to produce chronic effects adverse to the health (as classified by EC Directives using animal models); nevertheless exposure by all routes should be minimised as a matter of course. |

| Horse Shampoo | TOXICITY                                     | IRRITATION    |
|---------------|----------------------------------------------|---------------|
|               | Not Available                                | Not Available |
| water         | TOXICITY                                     | IRRITATION    |
|               | Oral (Rat) LD50: >90000 mg/kg <sup>[2]</sup> | Not Available |

**Legend:** 1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2. Value obtained from manufacturer's SDS. Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances

|              |                                                                          |
|--------------|--------------------------------------------------------------------------|
| <b>WATER</b> | No significant acute toxicological data identified in literature search. |
|--------------|--------------------------------------------------------------------------|

|                                   |   |                          |   |
|-----------------------------------|---|--------------------------|---|
| Acute Toxicity                    | ✗ | Carcinogenicity          | ✗ |
| Skin Irritation/Corrosion         | ✗ | Reproductivity           | ✗ |
| Serious Eye Damage/Irritation     | ✓ | STOT - Single Exposure   | ✗ |
| Respiratory or Skin sensitisation | ✗ | STOT - Repeated Exposure | ✗ |
| Mutagenicity                      | ✗ | Aspiration Hazard        | ✗ |

**Legend:** ✗ – Data either not available or does not fill the criteria for classification  
 ✓ – Data available to make classification

## SECTION 12 Ecological information

### Toxicity

| Horse Shampoo | Endpoint      | Test Duration (hr) | Species       | Value         | Source        |
|---------------|---------------|--------------------|---------------|---------------|---------------|
|               | Not Available | Not Available      | Not Available | Not Available | Not Available |
| water         | Endpoint      | Test Duration (hr) | Species       | Value         | Source        |
|               | Not Available | Not Available      | Not Available | Not Available | Not Available |

**Legend:** Extracted from 1. IUCLID Toxicity Data 2. Europe ECHA Registered Substances - Ecotoxicological Information - Aquatic Toxicity 3. US EPA, Ecotox database - Aquatic Toxicity Data 4. ECETOC Aquatic Hazard Assessment Data 5. NITE (Japan) - Bioconcentration Data 6. METI (Japan) - Bioconcentration Data 7. Vendor Data

### Persistence and degradability

| Ingredient | Persistence: Water/Soil | Persistence: Air |
|------------|-------------------------|------------------|
| water      | LOW                     | LOW              |

### Bioaccumulative potential

| Ingredient | Bioaccumulation      |
|------------|----------------------|
| water      | LOW (LogKOW = -1.38) |

### Mobility in soil

| Ingredient | Mobility                              |
|------------|---------------------------------------|
|            | No Data available for all ingredients |

## SECTION 13 Disposal considerations

### Waste treatment methods

|                              |                                                                                                                                                                                                                                                  |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product / Packaging disposal | <ul style="list-style-type: none"> <li>Recycle wherever possible or consult manufacturer for recycling options.</li> <li>Consult State Land Waste Management Authority for disposal.</li> <li>Bury residue in an authorised landfill.</li> </ul> |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Continued...

▶ Recycle containers if possible, or dispose of in an authorised landfill.

SECTION 14 Transport information

Labels Required

|                  |                |
|------------------|----------------|
| Marine Pollutant | NO             |
| HAZCHEM          | Not Applicable |

Land transport (ADG): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

14.7. Maritime transport in bulk according to IMO instruments

14.7.1. Transport in bulk according to Annex II of MARPOL and the IBC code

Not Applicable

14.7.2. Transport in bulk in accordance with MARPOL Annex V and the IMSBC Code

| Product name | Group          |
|--------------|----------------|
| water        | Not Applicable |

14.7.3. Transport in bulk in accordance with the IGC Code

| Product name | Ship Type      |
|--------------|----------------|
| water        | Not Applicable |

SECTION 15 Regulatory information

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

water is found on the following regulatory lists

Australian Inventory of Industrial Chemicals (AIIC)

Additional Regulatory Information

Not Applicable

National Inventory Status

| National Inventory                                | Status                                                                                                                                                                                            |
|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Australia - AIIC / Australia Non-Industrial Use   | Yes                                                                                                                                                                                               |
| Canada - DSL                                      | Yes                                                                                                                                                                                               |
| Canada - NDSL                                     | No (water)                                                                                                                                                                                        |
| China - IECSC                                     | Yes                                                                                                                                                                                               |
| Europe - EINEC / ELINCS / NLP                     | Yes                                                                                                                                                                                               |
| Japan - ENCS                                      | Yes                                                                                                                                                                                               |
| Korea - KECI                                      | Yes                                                                                                                                                                                               |
| New Zealand - NZIoC                               | Yes                                                                                                                                                                                               |
| Philippines - PICCS                               | Yes                                                                                                                                                                                               |
| USA - TSCA                                        | All chemical substances in this product have been designated as TSCA Inventory 'Active'                                                                                                           |
| Taiwan - TCSI                                     | Yes                                                                                                                                                                                               |
| Mexico - INSQ                                     | Yes                                                                                                                                                                                               |
| Vietnam - NCI                                     | Yes                                                                                                                                                                                               |
| Russia - FBEPH                                    | Yes                                                                                                                                                                                               |
| UAE - Control List (Banned/Restricted Substances) | No (water)                                                                                                                                                                                        |
| Legend:                                           | Yes = All CAS declared ingredients are on the inventory<br>No = One or more of the CAS listed ingredients are not on the inventory. These ingredients may be exempt or will require registration. |

SECTION 16 Other information

|               |            |
|---------------|------------|
| Revision Date | 23/12/2022 |
| Initial Date  | 01/11/2009 |

SDS Version Summary

| Version | Date of Update | Sections Updated                                                               |
|---------|----------------|--------------------------------------------------------------------------------|
| 3.1     | 01/11/2019     | One-off system update. NOTE: This may or may not change the GHS classification |
| 4.1     | 23/12/2022     | Classification review due to GHS Revision change.                              |

## Other information

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

## Definitions and abbreviations

- PC - TWA: Permissible Concentration-Time Weighted Average
- PC - STEL: Permissible Concentration-Short Term Exposure Limit
- IARC: International Agency for Research on Cancer
- ACGIH: American Conference of Governmental Industrial Hygienists
- STEL: Short Term Exposure Limit
- TEEL: Temporary Emergency Exposure Limit,
- IDLH: Immediately Dangerous to Life or Health Concentrations
- ES: Exposure Standard
- OSF: Odour Safety Factor
- NOAEL: No Observed Adverse Effect Level
- LOAEL: Lowest Observed Adverse Effect Level
- TLV: Threshold Limit Value
- LOD: Limit Of Detection
- OTV: Odour Threshold Value
- BCF: BioConcentration Factors
- BEI: Biological Exposure Index
- DNEL: Derived No-Effect Level
- PNEC: Predicted no-effect concentration
- MARPOL: International Convention for the Prevention of Pollution from Ships
- IMSBC: International Maritime Solid Bulk Cargoes Code
- IGC: International Gas Carrier Code
- IBC: International Bulk Chemical Code
  
- AIIC: Australian Inventory of Industrial Chemicals
- DSL: Domestic Substances List
- NDSL: Non-Domestic Substances List
- IECSC: Inventory of Existing Chemical Substance in China
- EINECS: European INventory of Existing Commercial chemical Substances
- ELINCS: European List of Notified Chemical Substances
- NLP: No-Longer Polymers
- ENCS: Existing and New Chemical Substances Inventory
- KECI: Korea Existing Chemicals Inventory
- NZIoC: New Zealand Inventory of Chemicals
- PICCS: Philippine Inventory of Chemicals and Chemical Substances
- TSCA: Toxic Substances Control Act
- TCSI: Taiwan Chemical Substance Inventory
- INSQ: Inventario Nacional de Sustancias Químicas
- NCI: National Chemical Inventory
- FBEPH: Russian Register of Potentially Hazardous Chemical and Biological Substances

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