

# Emerald Neutral Floor Cleaner

Benji Distributors Pty Ltd

Chemwatch Hazard Alert Code: 1

Chemwatch: 5130-78

Version No: 4.1.1.1

Safety Data Sheet according to WHS and ADG requirements

Issue Date: 01/11/2019

Print Date: 18/06/2020

S.GHS.AUS.EN.RISK

## SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

### Product Identifier

|                                      |                               |
|--------------------------------------|-------------------------------|
| <b>Product name</b>                  | Emerald Neutral Floor Cleaner |
| <b>Synonyms</b>                      | Not Available                 |
| <b>Other means of identification</b> | Not Available                 |

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

|                                 |                |
|---------------------------------|----------------|
| <b>Relevant identified uses</b> | Floor cleaner. |
|---------------------------------|----------------|

### Details of the supplier of the safety data sheet

|                                |   |
|--------------------------------|---|
| <b>Registered company name</b> | Benji Distributors Pty Ltd                    |
| <b>Address</b>                 | 17 Grandview Parade Moolap VIC 3224 Australia |
| <b>Telephone</b>               | +61 3 5248 1469                               |
| <b>Fax</b>                     | +61 3 5248 6696                               |
| <b>Website</b>                 | Not Available                                 |
| <b>Email</b>                   | Not Available                                 |

### Emergency telephone number

|  |               |
|--|---------------|
| <b>Association / Organisation</b>        | Not Available |
| <b>Emergency telephone numbers</b>       | Not Available |
| <b>Other emergency telephone numbers</b> | Not Available |

## SECTION 2 HAZARDS IDENTIFICATION

### Classification of the substance or mixture

**NON-HAZARDOUS CHEMICAL. NON-DANGEROUS GOODS.** According to the WHS Regulations and the ADG Code.

#### CHEMWATCH HAZARD RATINGS

|              | Min | Max |              |
|--------------|-----|-----|--------------|
| Flammability | 0   |     |              |
| Toxicity     | 0   |     |              |
| Body Contact | 0   |     | 0 = Minimum  |
| Reactivity   | 1   |     | 1 = Low      |
| Chronic      | 0   |     | 2 = Moderate |
|              |     |     | 3 = High     |
|              |     |     | 4 = Extreme  |

|                                      |                |
|--------------------------------------|----------------|
| <b>Poisons Schedule</b>              | Not Applicable |
| <b>Classification <sup>[1]</sup></b> | Not Applicable |

### Label elements

|                            |                       |
|----------------------------|-----------------------|
| <b>Hazard pictogram(s)</b> | Not Applicable        |
| <b>SIGNAL WORD</b>         | <b>NOT APPLICABLE</b> |

**Emerald Neutral Floor Cleaner**

**Hazard statement(s)**

Not Applicable

\*LIMITED EVIDENCE

**Precautionary statement(s) Prevention**

Not Applicable

**Precautionary statement(s) Response**

Not Applicable

**Precautionary statement(s) Storage**

Not Applicable

**Precautionary statement(s) Disposal**

Not Applicable

**SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS**

**Substances**

See section below for composition of Mixtures

**Mixtures**

| CAS No        | %[weight] | Name        |
|---------------|-----------|-------------|
| Not Available | 10-30     | surfactants |

**SECTION 4 FIRST AID MEASURES**

**Description of first aid measures**

|                     |   |
|---------------------|---|
| <b>Eye Contact</b>  | If this product comes in contact with eyes: <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> | If skin contact occurs: <ul style="list-style-type: none"><li>▶ Immediately remove all contaminated clothing, including footwear.</li><li>▶ Flush skin and hair with running water (and soap if available).</li><li>▶ Seek medical attention in event of irritation.</li></ul>                    |
| <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>▶ Immediately give a glass of water.</li><li>▶ First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.</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> | <ul style="list-style-type: none"><li>▶ Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result</li></ul> |
|-----------------------------|--|

**Advice for firefighters**

|                              |  |
|------------------------------|--|
| <b>Fire Fighting</b>         | <ul style="list-style-type: none"><li>▶ Alert Fire Brigade and tell them location and nature of hazard.</li><li>▶ Wear breathing apparatus plus protective gloves in the event of a fire.</li></ul>  |
| <b>Fire/Explosion Hazard</b> | <ul style="list-style-type: none"><li>▶ Non combustible.</li><li>▶ Not considered a significant fire risk, however containers may burn.</li></ul> Decomposition may produce toxic fumes of:<br>carbon dioxide (CO <sub>2</sub> )<br>sulfur oxides (SO <sub>x</sub> ) |

Continued...

**Emerald Neutral Floor Cleaner**

|                |  |
|----------------|--|
|                | other pyrolysis products typical of burning organic material.<br>May emit poisonous fumes. |
| <b>HAZCHEM</b> | Not Applicable   |

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

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

See section 8

**Environmental precautions**

See section 12

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

|                     |   |
|---------------------|---|
| <b>Minor Spills</b> | <ul style="list-style-type: none"> <li>▶ Clean up all spills immediately.</li> <li>▶ Avoid breathing vapours and contact with skin and eyes.</li> </ul> |
| <b>Major Spills</b> | <p>Moderate hazard.</p> <ul style="list-style-type: none"> <li>▶ Clear area of personnel and move upwind.</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>▶ Avoid all personal contact, including inhalation.</li> <li>▶ Wear protective clothing when risk of exposure occurs.</li> <li>▶ <b>DO NOT allow clothing wet with material to stay in contact with skin</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> </ul>  |

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

|                                |   |
|--------------------------------|---|
| <b>Suitable container</b>      | <ul style="list-style-type: none"> <li>▶ Polyethylene or polypropylene container.</li> <li>▶ Packing as recommended by manufacturer.</li> </ul> |
| <b>Storage incompatibility</b> | <ul style="list-style-type: none"> <li>▶ Avoid reaction with oxidising agents</li> </ul>  |

**SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Control parameters**

**OCCUPATIONAL EXPOSURE LIMITS (OEL)**

**INGREDIENT DATA**

Not Available

**EMERGENCY LIMITS**

| Ingredient                    | Material name | TEEL-1        | TEEL-2        | TEEL-3        |
|-------------------------------|---------------|---------------|---------------|---------------|
| Emerald Neutral Floor Cleaner | Not Available | Not Available | Not Available | Not Available |

| Ingredient                    | Original IDLH | Revised IDLH  |
|-------------------------------|---------------|---------------|
| Emerald Neutral Floor Cleaner | Not Available | Not Available |

**Exposure controls**

|   |  |
|---|--|
| <b>Appropriate engineering controls</b> | Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection. |
| <b>Personal protection</b>              |   |

Continued...

**Emerald Neutral Floor Cleaner**

|                                |   |
|--------------------------------|---|
| <b>Eye and face protection</b> | <ul style="list-style-type: none"> <li>▶ Safety glasses with side shields.</li> <li>▶ Chemical goggles.</li> </ul>  |
| <b>Skin protection</b>         | See Hand protection below   |
| <b>Hands/feet protection</b>   | <ul style="list-style-type: none"> <li>▶ Wear chemical protective gloves, e.g. PVC.</li> <li>▶ Wear safety footwear or safety gumboots, e.g. Rubber</li> </ul> <p><b>NOTE:</b></p> <ul style="list-style-type: none"> <li>▶ The material may produce skin sensitisation in predisposed individuals. Care must be taken, when removing gloves and other protective equipment, to avoid all possible skin contact.</li> </ul> |
| <b>Body protection</b>         | See Other protection below  |
| <b>Other protection</b>        | <ul style="list-style-type: none"> <li>▶ Overalls.</li> <li>▶ P.V.C.</li> </ul>   |

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

|   |  |  |               |
|---|--|--|---------------|
| <b>Appearance</b>                                   | Blue liquid with a characteristic odour; mixes with water. |  |               |
| <b>Physical state</b>                               | Liquid   | <b>Relative density (Water = 1)</b>            | 1.02          |
| <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>                             | 6.9-7.3  | <b>Decomposition temperature</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> | Not Available  | <b>Molecular weight (g/mol)</b>                | Not Available |
| <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 Available  | <b>Surface Tension (dyn/cm or mN/m)</b>        | Not Available |
| <b>Lower Explosive Limit (%)</b>                    | Not Available  | <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 |

**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> </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>Inhaled</b> | The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting. |
|----------------|---|

Continued...

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|                     |  |
|---------------------|--|
| <b>Ingestion</b>    | The material has <b>NOT</b> been classified by EC Directives or other classification systems as "harmful by ingestion". This is because of the lack of corroborating animal or human evidence.   |
| <b>Skin Contact</b> | The material is not thought to produce adverse health effects or skin irritation following contact (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable gloves be used in an occupational setting.<br>Entry into the blood-stream, through, for example, cuts, abrasions or lesions, may produce systemic injury with harmful effects. Examine the skin prior to the use of the material and ensure that any external damage is suitably protected.   |
| <b>Eye</b>          | Although the liquid is not thought to be an irritant (as classified by EC Directives), direct contact with the eye may produce transient discomfort characterised by tearing or conjunctival redness (as with windburn).   |
| <b>Chronic</b>      | Substance accumulation, in the human body, may occur and may cause some concern following repeated or long-term occupational exposure.<br>There is some evidence that inhaling this product is more likely to cause a sensitisation reaction in some persons compared to the general population.<br>There is limited evidence that, skin contact with this product is more likely to cause a sensitisation reaction in some persons compared to the general population.<br>Exposure to sulfonates can cause an imbalance in cellular salts and therefore cellular function. Airborne sulfonates may be responsible for respiratory allergies and, in some instances, minor dermal allergies.<br>Prolonged or chronic exposure to alkanolamines may result in liver, kidney or nervous system injury. Repeated inhalation may aggravate asthma and lung disease involving inflammation or scarring.<br>Repeated skin contact with some sulfonated surfactants has produced sensitisation dermatitis in predisposed individuals. |

|                                      |  |                   |
|--------------------------------------|--|-------------------|
| <b>Emerald Neutral Floor Cleaner</b> | <b>TOXICITY</b>  | <b>IRRITATION</b> |
|                                      | Not Available  | Not Available     |
| <b>Legend:</b>                       | 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>Acute Toxicity</b>                    | <b>X</b> | <b>Carcinogenicity</b>          | <b>X</b> |
| <b>Skin Irritation/Corrosion</b>         | <b>X</b> | <b>Reproductivity</b>           | <b>X</b> |
| <b>Serious Eye Damage/Irritation</b>     | <b>X</b> | <b>STOT - Single Exposure</b>   | <b>X</b> |
| <b>Respiratory or Skin sensitisation</b> | <b>X</b> | <b>STOT - Repeated Exposure</b> | <b>X</b> |
| <b>Mutagenicity</b>                      | <b>X</b> | <b>Aspiration Hazard</b>        | <b>X</b> |

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

**SECTION 12 ECOLOGICAL INFORMATION**

**Toxicity**

| <b>Emerald Neutral Floor Cleaner</b> | <b>ENDPOINT</b>   | <b>TEST DURATION (HR)</b> | <b>SPECIES</b> | <b>VALUE</b>  | <b>SOURCE</b> |
|--------------------------------------|---|---------------------------|----------------|---------------|---------------|
|                                      | Not Available   | Not Available             | Not Available  | Not Available | Not Available |
| <b>Legend:</b>                       | Extracted from 1. IUCLID Toxicity Data 2. Europe ECHA Registered Substances - Ecotoxicological Information - Aquatic Toxicity 3. EPIWIN Suite V3.12 (QSAR) - Aquatic Toxicity Data (Estimated) 4. US EPA, Ecotox database - Aquatic Toxicity Data 5. ECETOC Aquatic Hazard Assessment Data 6. NITE (Japan) - Bioconcentration Data 7. METI (Japan) - Bioconcentration Data 8. Vendor Data |                           |                |               |               |

For Surfactants: Kow cannot be easily determined due to hydrophilic/hydrophobic properties of the molecules in surfactants. BCF value: 1-350.  
**DO NOT discharge into sewer or waterways.**

**Persistence and degradability**

| <b>Ingredient</b> | <b>Persistence: Water/Soil</b>        | <b>Persistence: Air</b>               |
|-------------------|---------------------------------------|---------------------------------------|
|                   | No Data available for all ingredients | No Data available for all ingredients |

**Bioaccumulative potential**

| <b>Ingredient</b> | <b>Bioaccumulation</b>                |
|-------------------|---------------------------------------|
|                   | No Data available for all ingredients |

**Mobility in soil**

Continued...

**Emerald Neutral Floor Cleaner**

| 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.</li> <li>▶ Consult manufacturer for recycling options or consult local or regional waste management authority for disposal if no suitable treatment or disposal facility can be identified.</li> <li>▶ Containers may still present a chemical hazard/ danger when empty.</li> <li>▶ Return to supplier for reuse/ recycling if possible.</li> </ul> |

**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**

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

Not Applicable

**SECTION 15 REGULATORY INFORMATION**

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

**National Inventory Status**

| National Inventory            | Status |
|-------------------------------|--------|
| Australia - AICS              | Yes    |
| Canada - DSL                  | Yes    |
| Canada - NDSL                 | Yes    |
| China - IECSC                 | Yes    |
| Europe - EINEC / ELINGS / NLP | Yes    |
| Japan - ENCS                  | Yes    |
| Korea - KECI                  | Yes    |
| New Zealand - NZIoC           | Yes    |
| Philippines - PICCS           | Yes    |
| USA - TSCA                    | Yes    |
| Taiwan - TCSI                 | Yes    |
| Mexico - INSQ                 | Yes    |
| Vietnam - NCI                 | Yes    |
| Russia - ARIPS                | Yes    |

**Legend:**  
 Yes = All CAS declared ingredients are on the inventory  
 No = One or more of the CAS listed ingredients are not on the inventory and are not exempt from listing(see specific ingredients in brackets)

**SECTION 16 OTHER INFORMATION**

|               |            |
|---------------|------------|
| Revision Date | 01/11/2019 |
| Initial Date  | 01/11/2009 |

**Emerald Neutral Floor Cleaner**

**SDS Version Summary**

| Version | Issue Date | Sections Updated   |
|---------|------------|--|
| 4.1.1.1 | 01/11/2019 | One-off system update. NOTE: This may or may not change the GHS classification |

**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.

**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  
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

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