SECTION 1 – STATEMENT OF HAZARDOUS NATURE, CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

SUPPLIER: Custom Chemicals International Pty Ltd
ADDRESS: 103-107 Potassium Street, Narangba 4504 Queensland Australia

Trade Name: DEMINERALISED WATER

TELEPHONE: +617 3204 8300 FAX: +617 3204 8311
AHEMERGENCY TELEPHONE: 13 1126 in Australia ABN: 73 050 573 674
Substance: Water
Product Use: Batteries/instruments
Creation Date: FEB 2014 Revision Date: FEB 2019
Product Code: 0052102 [5L], 0052101 [20L], 0052100 [200L], 0052104 [1000L]

SECTION 2 – HAZARDS IDENTIFICATION

- This product is NOT classified as HAZARDOUS according to criteria of the National Occupational Health and Safety Commission Australia.
- This product is NOT classified as Dangerous Goods according to the Australian Dangerous Goods (ADG) Code.
- This product is NOT classified as a Scheduled Poison according to the SUSMP.

Approved NOHSC Criteria Classification
UN Number
Shipping Name
Hazchem Code
SUSMP Classification

EMERGENCY OVERVIEW
Colour Clear/colourless
Physical Description Liquid
Major Health Hazards None known

Odour Nil
Viscosity Non-viscous

SECTION 3 – COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients determined not to be hazardous are present in concentrations that do not exceed the relevant cut-off concentrations as found from NOHSC publication “List of Designated Hazardous Substances” or have been found NOT to meet the criteria of a hazardous substance as defined in the NOHSC publication “Approved Criteria for Classifying Hazardous Substances”.

Ingredients: Water

<table>
<thead>
<tr>
<th>CAS Number:</th>
<th>Proportion:</th>
<th>Exposure Standards TWA</th>
<th>Exposure Standards STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>7732-18-5</td>
<td>100% w/w</td>
<td>not set</td>
<td>not set</td>
</tr>
</tbody>
</table>

The TWA exposure value is the Time Weighted Average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that should not be exceeded for more than 15 minutes and should not be repeated for more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term “peak” is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

SECTION 4 – FIRST AID MEASURES

Scheduled Poisons Not classified as a Scheduled Poison.
First Aid Facilities Normal washroom facilities.

Skin contact No specific treatment is necessary, as this material is expected to be non-hazardous.
Eye contact No specific treatment is necessary, as this material is expected to be non-hazardous.
Ingestion No specific treatment is necessary, as this material is expected to be non-hazardous.
Inhalation No specific treatment is necessary, as this material is expected to be non-hazardous.
Advice to Doctor
No specific treatment is necessary, as this material is expected to be non-hazardous.

Aggravated Medical Conditions
Material is expected to be non-hazardous.

---

SECTION 5 – FIRE FIGHTING MEASURES

Fire and Explosion Hazards
Water based. Not combustible.

Extinguishing Media
Not available

Fire Fighting
As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Material will not burn.

Flash Point
Not combustible

---

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Emergency Procedures
No HAZCHEM code.

Occupational Release
Minor spills do not normally need any special clean-up measures.

However, if necessary to avoid slipping hazards, absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container.

---

SECTION 7 – HANDLING AND STORAGE

Handling
No special handling procedures are required.

Storage
No special storage requirements.

---

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limits
National Occupational Exposure Limits, as published by National Occupational Health & Safety Commission:

Time-weighted Average (TWA): None established for specific product.

See SECTION 3 for Exposure Limits of individual ingredients.

Short Term Exposure Limit (STEL): None established for specific product.

See SECTION 3 for Exposure Limits of individual ingredients.

Biological Limit Value
None established for product.

Engineering Controls
There are no special ventilation requirements.

Personal Protective Equipment
This product is water and is not classified as hazardous according to the criteria of Worksafe Australia. Use good occupational work practice. The use of protective clothing and equipment depends upon the degree and nature of exposure. Final choice of appropriate protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. The following protective equipment should be available;

Eye Protection
Eye protection is not normally required, however to avoid possible eye contact, safety glasses are recommended.
Skin Protection

Special protective garments are not required to handle the product. Suitable work clothing, work boots and gloves are recommended for general handling of the product in quantity, cleaning up spills, decanting, etc.

Protective Material

Types

Not necessary for this product.

Respirator

Not required for this product.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Colour</th>
<th>Specific Gravity</th>
<th>Freezing Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liquid</td>
<td>Clear/colourless</td>
<td>1.0 @ 25°C</td>
<td>Not available</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Odour</th>
<th>Vapour Density</th>
<th>Flash Point</th>
<th>Flammable Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nil</td>
<td>Not available</td>
<td>Not flammable</td>
<td>None</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Boiling Point</th>
<th>Water Solubility</th>
<th>Viscosity</th>
<th>Odour Threshold</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approximately 100°C</td>
<td>Miscible in all proportions</td>
<td>1 cP @ 20°C</td>
<td>Not available</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Evaporation Rate</th>
<th>Per Cent Volatile</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not available</td>
<td>Ca 85 % v/v</td>
</tr>
</tbody>
</table>

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability  Stable at normal temperatures and pressure.

Conditions to Avoid  None reported

Incompatible Materials  None

Hazardous Decomposition  None

Products

Hazardous Reactions  None known

SECTION 11 – TOXICOLOGICAL INFORMATION

PRODUCT MIXTURE INFORMATION

Local Effects  None known

Target Organs  None known

POTENTIAL HEALTH EFFECTS

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion

short term exposure  No hazard expected in normal industrial use.

long term exposure  No information available.

Skin contact

short term exposure  Non-irritating to the skin.

long term exposure  No known effects.

Eye contact

short term exposure  Non-irritating to the eyes.

long term exposure  No information available.
short term exposure  Not an inhalation hazard.
long term exposure  No information available.
Carcinogen Status
NOHSC  No significant ingredient is classified as carcinogenic by NOHSC.
NTP  No significant ingredient is classified as carcinogenic by NTP.
IARC  No significant ingredient is classified as carcinogenic by IARC.
Medical conditions aggravated by exposure  No information available.

CLASSIFICATION OF INDIVIDUAL INGREDIENTS
NOTE: This information relates to each individual ingredient, when evaluated as pure undiluted chemical.
See SECTION 3 for actual proportions of ingredients present in this product.

Ingredients  R-Phrases.
Non hazardous ingredients 100%  None allocated

SECTION 12 – ECOLOGICAL INFORMATION
Fish toxicity  None available for specific product.
Algae toxicity  None available for specific product.
Invertebrates toxicity  None available for specific product.
Toxicity to Bacteria  None available for specific product.
OECD Biological degradation  Individual components stated to be biodegradable.
General  Product miscible in all proportions with water. AS WITH ANY CHEMICAL PRODUCT, DO NOT DISCHARGE BULK QUANTITIES INTO DRAINS, WATERWAYS, SEWER OR ENVIRONMENT. Inform local authorities if this occurs.

SECTION 13 – DISPOSAL CONSIDERATIONS
Disposal  To dispose of quantities of undiluted product, refer to State Land Waste Management Authority. Transfer product residues to a labelled, sealed container for disposal or recovery. Waste disposal must be by an accredited contractor. As with any chemical, do not put down the drain in quantity. The small quantities contained in wash solutions (when used as directed) can generally be handled by conventional sewage systems, septic, and grey water systems. For larger scale use, eg. Commercial laundry operations, a recycled water system is often recommended, or Trade Waste License obtained for disposal to sewer.

SECTION 14 – TRANSPORT INFORMATION
UN Number  None allocated
Shipping Name  None allocated
Hazchem Code  None allocated
Packaging Method  None allocated
Segregation  None allocated
ADG Classification  None allocated
ADG Subsidiary Risk  None allocated
Packing Group  None allocated
Special Provisions  None allocated

SECTION 15 – REGULATORY INFORMATION
AICS  All ingredients present on AICS.

SECTION 16 – OTHER INFORMATION
Labeling Details
HAZARD  Not hazardous
RISK PHRASES: None allocated
SAFETY PHRASES: None allocated
SUSMP: None allocated
ADG Code: None allocated

Acronyms:
SUSMP: Standard for the Uniform Scheduling of Medicines and Poisons.
CAS Number: Chemical Abstracts Service Registry Number.
UN Number: United Nations Number.
R-Phrases: Risk Phrases.
HAZCHEM: An emergency action code of numbers and letters, which gives information to emergency services.

NTP: National Toxicology Program (USA).
IARC: International Agency for Research on Cancer.
AICS: Australian Inventory of Chemical Substances.
TWA: Time Weighted Average
STEL: Short Term Exposure Limit

Literature References:
List of Designated Hazardous Substances [NOHSC:10005(1999)]
Standard for the Uniform Scheduling of Medicines and Poisons 2011.
Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(1999)]
HSIS – Hazardous Substance Information System – National Worksafe Data Base.

Revision Information:

Note: Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

Contact Point: Regulatory Affairs Manager. Telephone (07) 3204 8300
Issue Date: FEB 2014 Supersedes Issue Date: FEB 2019

This SDS summarizes at the date of issue our best knowledge of the health and safety hazard information of this product, and in particular how to safely handle and use this product in the workplace. Since the supplier cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this SDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this supplier.