

## Section 1 - Identification

**Product Name** QMS Vancomycin Reagent

|                                |  |
|--------------------------------|--|
| <b>Product Code</b>            | <b>CDF373589</b>   |
| <b>Address</b>                 | ThermoFisher Scientific Australia Pty Ltd<br>5 Caribbean Drive, Scoresby<br>VICTORIA 3179, Australia |
| <b>Emergency Tel.</b>          | <b>CHEMTREC®</b><br><b>03 9757 4559 or +613 9757 4559</b>  |
| <b>Telephone / Fax Numbers</b> | Tel: 1300 735 292<br>Fax: 1800 067 639   |
| <b>E-mail address</b>          | ANZinfo@thermofisher.com   |

**Recommended Use** Laboratory chemicals.

**Uses advised against** This product does not contain any substance(s) on the Illicit Drug Precursors/Reagents list. This product does not contain any substance(s) subject to Prohibition, Authorization or Restriction. This product contains one or more substance(s) listed on the voluntary National Code of Practice for Chemicals of Security Concern.

## Section 2 - Hazard(s) Identification

### Classification under Safe Work Australia

Classified as not hazardous according to criteria of Safe Work Australia.

**Physical hazards**  
No hazards identified

**Health hazards**  
No hazards identified

**Environmental hazards**  
No hazards identified

**Label Elements** None required

**Other information**  
No information available  
This product does not contain any known or suspected endocrine disruptors

## Section 3 - Composition and Information on Ingredients

| Component                      | CAS No     | Weight % |
|--------------------------------|------------|----------|
| Water                          | 7732-18-5  | <80      |
| Matrix modifier                | @CAS       | <7.0     |
| Bis Tris Free Base             | 6976-37-0  | <6.0     |
| Sodium chloride                | 7647-14-5  | <5.0     |
| Human sourced material         | NA         | <2.0     |
| Matrix modifier                | @CAS       | <2.0     |
| Colloidal modifier             | @CAS       | <2.0     |
| Vancomycin antibody monoclonal | NONE       | 0.1      |
| Sodium azide                   | 26628-22-8 | <0.1     |

## Section 4 - First Aid Measures

|  |   |
|--|---|
| <b>Inhalation</b>                          | Remove to fresh air. Get medical attention immediately if symptoms occur.   |
| <b>Ingestion</b>                           | Clean mouth with water and drink afterwards plenty of water. Get medical attention if symptoms occur.                   |
| <b>Skin Contact</b>                        | Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur. |
| <b>Eye Contact</b>                         | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.         |
| <b>Self-Protection of the First Aider</b>  | No special precautions required.  |
| <b>First Aid Facilities</b>                | Eyewash, safety shower and washroom.  |
| <b>Most important symptoms and effects</b> | None reasonably foreseeable.  |
| <b>Notes to Physician</b>                  | Treat symptomatically.  |

## Section 5 - Fire Fighting Measures

### Suitable Extinguishing Media

Water spray, carbon dioxide (CO<sub>2</sub>), dry chemical, alcohol-resistant foam.

### Extinguishing media which must not be used for safety reasons

No information available.

### Specific Hazards Arising from the Chemical

Thermal decomposition can lead to release of irritating gases and vapors.

### Special protective equipment and precautions for fire fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## Section 6 - Accidental Release Measures

### Emergency procedures

Ensure adequate ventilation. Use personal protective equipment as required.

### Environmental Precautions

Should not be released into the environment.

**Methods for Containment and Clean Up****Clean-up methods - small spillage**

Sweep up and shovel into suitable containers for disposal.

**Clean-up methods - large spillage**

Not applicable, packaged goods.

**Reference to Other Sections**

Refer to protective measures listed in Sections 8 and 13.

## Section 7 - Handling and Storage

**Precautions for Safe Handling**

Wear personal protective equipment/face protection. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Avoid ingestion and inhalation.

**Conditions for Safe Storage, Including any Incompatibilities**

Keep container tightly closed in a dry and well-ventilated place.

AS/NZS 2243.10:2004, Safety in laboratories - Storage of chemicals

## Section 8 - Exposure Controls and Personal Protection

**Exposure limits**

**ACGIH** - Threshold Limit Values - Ceiling (TLV-C) guidelines by the American Conference of Governmental Industrial Hygienists (ACGIH) for controlling worker exposure to airborne chemical concentrations in the workplace.

**UK** - EH40/2005 Work Exposure Limits, Fourth edition. Published 2020.

**DE** - MAK and BAT values of Hazardous Chemical Compounds in the Work Area. Published by German Research Foundation on July 1, 2011

**NZ** - Workplace Exposure Standards and Biological Exposure Indices (6th edition). New Zealand Department of Labor

| Component    | Australia | New Zealand WEL                                      | ACGIH TLV  | The United Kingdom  | Germany  |
|--------------|-----------|--|--|---|--|
| Sodium azide |           | Ceiling: 0.11 ppm<br>Ceiling: 0.29 mg/m <sup>3</sup> | Ceiling: 0.29 mg/m <sup>3</sup><br>Ceiling: 0.11 ppm | STEL: 0.3 mg/m <sup>3</sup> 15 min<br>TWA: 0.1 mg/m <sup>3</sup> 8 hr<br>Skin | TWA: 0.2 mg/m <sup>3</sup> (8 Stunden). AGW - exposure factor 2<br>TWA: 0.2 mg/m <sup>3</sup> (8 Stunden). MAK<br>Höhepunkt: 0.4 mg/m <sup>3</sup> |

**Biological limit values**

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies

**Exposure Controls****Engineering Measures**

None under normal use conditions.

**Personal protective equipment****Eye Protection**

Wear safety glasses with side shields (or goggles) (Australian/New Zealand Standard AS/NZS 1337 - Eye protectors for Industrial applications)

**Hand Protection**

Protective gloves

| Glove material    | Breakthrough time                 | Glove thickness | AUS/NZ Standard | Glove comments        |
|-------------------|-----------------------------------|-----------------|-----------------|-----------------------|
| Disposable gloves | See manufacturers recommendations | -               | AS/NZS 2161     | (minimum requirement) |

Inspect gloves before use.

Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves.  
(Refer to manufacturer/supplier for information)

Ensure gloves are suitable for the task: Chemical compatability, Dexterity, Operational conditions, User susceptibility, e.g. sensitisation effects, also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion.

Remove gloves with care avoiding skin contamination.

|                                 |   |
|---------------------------------|---|
| <b>Skin and body protection</b> | Long sleeved clothing   |
| <b>Respiratory Protection</b>   | Use an AS/NZS 1716 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. To protect the wearer, respiratory protective equipment must be the correct fit and be used and maintained in line with AS/NZS 1715 on the use and maintenance of respiratory protective devices |
| <b>Recommended Filter type:</b> | Particle filter (or AUS/NZ equivalent)  |

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice.

**Environmental exposure controls** No information available.

## Section 9 - Physical and Chemical Properties

### Information on basic physical and chemical properties

|  |                          |  |
|--|--------------------------|--|
| <b>Appearance</b>                              | Light yellow Clear       |  |
| <b>Physical State</b>                          | Liquid                   |  |
| <b>Odor</b>                                    | No information available |  |
| <b>Odor Threshold</b>                          | No data available        |  |
| <b>pH</b>                                      | 6.4                      |  |
| <b>Melting Point/Range</b>                     | No data available        |  |
| <b>Softening Point</b>                         | No data available        |  |
| <b>Boiling Point/Range</b>                     | Not applicable           |  |
| <b>Flash Point</b>                             | Not applicable           | <b>Method -</b> No information available |
| <b>Evaporation Rate</b>                        | No data available        |  |
| <b>Flammability (solid,gas)</b>                | Not applicable           | Liquid                                   |
| <b>Explosion Limits</b>                        | No data available        |  |
| <b>Vapor Pressure</b>                          | No data available        |  |
| <b>Vapor Density</b>                           | No data available        | (Air = 1.0)                              |
| <b>Specific Gravity / Density</b>              | No data available        |  |
| <b>Bulk Density</b>                            | Not applicable           | Liquid                                   |
| <b>Water Solubility</b>                        | No information available |  |
| <b>Solubility in other solvents</b>            | No information available |  |
| <b>Partition Coefficient (n-octanol/water)</b> |                          |  |
| <b>Component</b>                               | <b>log Pow</b>           |  |
| Matrix modifier                                | -3.77                    |  |
| Bis Tris Free Base                             | -2.26                    |  |
| Matrix modifier                                | -2.98                    |  |
| <b>Autoignition Temperature</b>                | No data available        |  |
| <b>Decomposition Temperature</b>               | No data available        |  |
| <b>Viscosity</b>                               | No data available        |  |
| <b>Explosive Properties</b>                    | No information available |  |
| <b>Oxidizing Properties</b>                    | No information available |  |

### Other information

## Section 10 - Stability and Reactivity

|   |   |
|---|---|
| <b>Reactivity</b>                       | None known, based on information available  |
| <b>Stability</b>                        | Stable under normal conditions. Stable under recommended storage conditions. Hazardous polymerization does not occur. |
| <b>Conditions to Avoid</b>              | Heat, flames and sparks.  |
| <b>Incompatible Materials</b>           | None known.   |
| <b>Hazardous Decomposition Products</b> | None under normal use conditions.   |
| <b>Hazardous Polymerization</b>         | No information available.   |

## Section 11 - Toxicological Information

### Information on Toxicological Effects

#### Product Information

##### (a) acute toxicity;

**Oral**

Based on available data, the classification criteria are not met

**Dermal**

Based on available data, the classification criteria are not met

**Inhalation**

Based on available data, the classification criteria are not met

| Component                      | LD50 Oral   | LD50 Dermal   | LC50 Inhalation  |
|--------------------------------|---|---|--|
| Water                          | LD50 > 90 mL/kg ( Rat )   |   |  |
| Matrix modifier                | LD50 = 3400 mg/kg ( Rat )   |   |  |
| Sodium chloride                | LD50 = 3 g/kg ( Rat )   | LD50 > 10000 mg/kg ( Rabbit )   | LC50 > 42 mg/L ( Rat ) 1 h   |
| Matrix modifier                | LD50 50 - 300 mg/kg ( Rat )   | LD50 200 - 1000 mg/kg ( Rat )   |  |
| Colloidal modifier             | LD50 = 20600 mg/kg ( Rat )  |   |  |
| Vancomycin antibody monoclonal | 517 mg/kg ( Rat ) (Ethyl mercaptan)<br>109.6 mg/kg ( Rat ) (Methyl mercaptan)<br>1500 mg/kg ( Rat ) (Butyl mercaptan) | 2000 mg/kg ( Rat ) (Ethyl mercaptan)<br>84.8 mg/kg ( Rat ) (Methyl mercaptan) | 4299 ppm ( Rat ) 4 h (Ethyl mercaptan)<br>675 ppm ( Rat ) 4 h (Methyl mercaptan)<br>4020 ppm ( Rat ) 4 h (Butyl mercaptan) |
| Sodium azide                   | LD50 = 27 mg/kg ( Rat )   | LD50 = 20 mg/kg ( Rabbit )  | LC50 0.054 - 0.52 mg/L ( Rat ) 4 h   |

**(b) skin corrosion/irritation;** No data available

**(c) serious eye damage/irritation;** No data available

##### (d) respiratory or skin sensitization;

**Respiratory**

No data available

**Skin**

No data available

**(e) germ cell mutagenicity;** No data available

**(f) carcinogenicity;** No data available

There are no known carcinogenic chemicals in this product

**(g) reproductive toxicity;** No data available

- (h) STOT-single exposure; No data available
- (i) STOT-repeated exposure; No data available
- Target Organs No information available.
- (j) aspiration hazard; No data available
- Symptoms / effects, both acute and delayed No information available

## Section 12 - Ecological Information

### Ecotoxicity effects

| Component       | Freshwater Fish  | Water Flea   | Freshwater Algae                                | Microtox |
|-----------------|--|--|---|----------|
| Matrix modifier |  | EC50: > 320 mg/L, 48h Static (Daphnia magna)<br>EC50: > 500 mg/L, 48h (Daphnia magna Straus)   | EC50: > 500 mg/L, 72h (Desmodesmus subspicatus) |          |
| Sodium chloride | LC50: 6420 - 6700 mg/L, 96h static (Pimephales promelas)<br>LC50: 4747 - 7824 mg/L, 96h flow-through (Oncorhynchus mykiss)<br>LC50: 6020 - 7070 mg/L, 96h static (Pimephales promelas)<br>LC50: = 12946 mg/L, 96h static (Lepomis macrochirus)<br>LC50: 5560 - 6080 mg/L, 96h flow-through (Lepomis macrochirus)<br>LC50: = 7050 mg/L, 96h semi-static (Pimephales promelas) | EC50: 340.7 - 469.2 mg/L, 48h Static (Daphnia magna)<br>EC50: = 1000 mg/L, 48h (Daphnia magna) |   |          |
| Sodium azide    | LC50: = 0.7 mg/L, 96h (Lepomis macrochirus)<br>LC50: = 0.8 mg/L, 96h (Oncorhynchus mykiss)<br>LC50: = 5.46 mg/L, 96h flow-through (Pimephales promelas)  |  |   |          |

Persistence and Degradability No information available

Bioaccumulative Potential No information available

| Component          | log Pow | Bioconcentration factor (BCF) |
|--------------------|---------|-------------------------------|
| Matrix modifier    | -3.77   | No data available             |
| Bis Tris Free Base | -2.26   | No data available             |
| Matrix modifier    | -2.98   | No data available             |

Mobility No information available.

Endocrine Disruptor Information This product does not contain any known or suspected endocrine disruptors

Persistent Organic Pollutant This product does not contain any known or suspected substance

Ozone Depletion Potential This product does not contain any known or suspected substance

## Section 13 - Disposal Considerations

|  |  |
|--|--|
| <b>Waste from Residues/Unused Products</b> | Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected. Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with all federal, E.P.A., state and local regulations. Assure conformity with all applicable regulations. |
| <b>Contaminated Packaging</b>              | Empty remaining contents. Dispose of in accordance with local regulations. Do not re-use empty containers.   |
| <b>Other Information</b>                   | Chemical wastes should be disposed through a licensed commercial waste collection service.   |

## Section 14 - Transport Information

**IMDG/IMO** Not regulated

**ADG** Not regulated

| Component                           | Hazchem Code |
|-------------------------------------|--------------|
| Sodium azide<br>26628-22-8 ( <0.1 ) | 2XE          |

**IATA** Not regulated

|                               |                                 |
|-------------------------------|---------------------------------|
| <b>Environmental hazards</b>  | No hazards identified           |
| <b>Special Precautions</b>    | No special precautions required |
| <b>Additional information</b> | None known                      |

## Section 15 - Regulatory Information

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

**National Regulations** Australia

See section 8 for national exposure control parameters.

### **Standard for the Uniform Scheduling of Medicines and Poisons**

Classified as a scheduled poison according to the Standard for Uniform Scheduling of Medicines and Poisons.

| Component         | Standard for the Uniform Scheduling of Medicines and Poisons  |
|-------------------|---|
| Matrix modifier - | Schedule 5 listed - in preparations except: a) when separately specified in these Schedules, b) Dialkyl or dialkoyl quaternary ammonium compounds where the alkyl or alkoyl groups are derived from tallow or hydrogenated tallow or similar chain length [C16/C18] source, or c) in preparations containing <=5% of such Quaternary ammonium compounds<br>Schedule 6 listed - except: a) when separately specified in these Schedules, b) when included in Schedule 5, c) Dialkyl or Dialkoyl quaternary ammonium compounds where the Alkyl or Alkoyl groups are derived from Tallow or hydrogenated Tallow or similar chain length [C16/C18] sources, or d) in preparations containing <=5% of such Quaternary ammonium compounds |

### **Australian Industrial Chemicals Introduction Scheme (AICIS)**

| Component | Australian Industrial Chemicals Introduction Scheme (AICIS) | Additional information |
|-----------|---|------------------------|
|-----------|---|------------------------|

|                                |         |   |
|--------------------------------|---------|---|
| Water - 7732-18-5              | Present | - |
| Matrix modifier -              | Present | - |
| Bis Tris Free Base - 6976-37-0 | Present | - |
| Sodium chloride - 7647-14-5    | Present | - |
| Matrix modifier -              | Present | - |
| Colloidal modifier -           | Present | - |
| Sodium azide - 26628-22-8      | Present | - |

**Australian - Illicit Drug Precursors/Reagents Substance List**

This product does not contain any substance(s) on the Illicit Drug Precursors/Reagents list.

**Chemicals of Security Concern**

This product contains one or more substance(s) listed on the voluntary National Code of Practice for Chemicals of Security Concern

| Component                 | Australian - Illicit Drug Precursors/Reagents Substance List | Chemicals of Security Concern  |
|---------------------------|--|--|
| Sodium azide - 26628-22-8 |  | Listed in Appendix A<br>Precursors to homemade explosives -<br>concentration >=95% |

**Legend**

**Chemicals of Security Concern** - for further information see <http://www.chemicalsecurity.gov.au/securityconcerns>

**National pollutant inventory** Not applicable

**Prohibition or notification/licensing requirements**

Shown below are details of specific prohibition/notifications or licensing requirements when they apply.

This product does not contain any substance(s) subject to Prohibition, Authorization or Restriction.

**International Inventories**

| Component          | AICS | NZIoC | EINECS    | ELINCS | TSCA | DSL | NDSL | PICCS | ENCS | ISHL | IECSC | KECL     |
|--------------------|------|-------|-----------|--------|------|-----|------|-------|------|------|-------|----------|
| Water              | X    | X     | 231-791-2 | -      | X    | X   | -    | X     | X    |      | X     | KE-35400 |
| Matrix modifier    | X    | X     | 200-655-4 | -      | X    | X   | -    | X     | X    | X    | X     | KE-20909 |
| Bis Tris Free Base | X    | X     | 230-237-7 | -      | X    | -   | X    | -     | -    | X    | X     | KE-20636 |
| Sodium chloride    | X    | X     | 231-598-3 | -      | X    | X   | -    | X     | X    | X    | X     | KE-31387 |
| Matrix modifier    | X    | X     | 247-361-2 | -      | X    | X   | -    | -     | X    | X    | X     | -        |
| Colloidal modifier | X    | X     | -         | -      | X    | X   | -    | -     | X    | X    | X     | KE-09626 |
| Sodium azide       | X    | X     | 247-852-1 | -      | X    | X   | -    | X     | X    | X    | X     | KE-31357 |

**Legend:** X - Listed. '-' - Not Listed. XU - Indicates a substance exempt from reporting under the Inventory Update Rule, i.e. Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(B)). **KECL** - NIER number or KE number (<http://ncis.nier.go.kr/en/main.do>)

**International Regulations**

**Ozone Depletion Potential** This product does not contain any known or suspected substance

**Persistent Organic Pollutant** This product does not contain any known or suspected substance

**Rotterdam Convention (PIC)** Not applicable



**Basel convention on the control of transboundary movements of hazardous wastes and their disposal**

Not applicable.

| Component                      | CAS No     | OECD HPV       | Restriction of Hazardous Substances (RoHS) | Seveso III Directive (2012/18/EC) - Qualifying Quantities for Major Accident Notification | Seveso III Directive (2012/18/EC) - Qualifying Quantities for Safety Report Requirements |
|--------------------------------|------------|----------------|--|---|--|
| Water                          | 7732-18-5  | Listed         | Not applicable                             | Not applicable  | Not applicable   |
| Matrix modifier                | @CAS       | Listed         | Not applicable                             | Not applicable  | Not applicable   |
| Bis Tris Free Base             | 6976-37-0  | Not applicable | Not applicable                             | Not applicable  | Not applicable   |
| Sodium chloride                | 7647-14-5  | Listed         | Not applicable                             | Not applicable  | Not applicable   |
| Human sourced material         | NA         | Not applicable | Not applicable                             | Not applicable  | Not applicable   |
| Matrix modifier                | @CAS       | Listed         | Not applicable                             | Not applicable  | Not applicable   |
| Colloidal modifier             | @CAS       | Not applicable | Not applicable                             | Not applicable  | Not applicable   |
| Vancomycin antibody monoclonal | NONE       | Not applicable | Not applicable                             | Not applicable  | Not applicable   |
| Sodium azide                   | 26628-22-8 | Not applicable | Not applicable                             | Not applicable  | Not applicable   |

**Authorisation/Restrictions according to EU REACH**

| Component       | REACH (1907/2006) - Annex XIV - Substances Subject to Authorization | REACH (1907/2006) - Annex XVII - Restrictions on Certain Dangerous Substances | REACH Regulation (EC 1907/2006) article 59 - Candidate List of Substances of Very High Concern (SVHC) |
|-----------------|---|---|---|
| Matrix modifier | -   | Use restricted. See item 75. (see link for restriction details)               | -   |

<https://echa.europa.eu/substances-restricted-under-reach>

## Section 16 - Other Information

**Legend**

|  |  |
|--|--|
| <b>AICS</b> - Australian Inventory of Chemical Substances  | <b>NZIoC</b> - New Zealand Inventory of Chemicals  |
| <b>TSCA</b> - United States Toxic Substances Control Act Section 8(b) Inventory                      | <b>EINECS/ELINCS</b> - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances |
| <b>DSL/NDL</b> - Canadian Domestic Substances List/Non-Domestic Substances List                      | <b>ENCS</b> - Japanese Existing and New Chemical Substances  |
| <b>IECSC</b> - Chinese Inventory of Existing Chemical Substances                                     | <b>KECL</b> - Korean Existing and Evaluated Chemical Substances  |
| <b>PICCS</b> - Philippines Inventory of Chemicals and Chemical Substances                            | <b>CAS</b> - Chemical Abstracts Service  |
| <b>TWA</b> - Time Weighted Average   | <b>ACGIH</b> - American Conference of Governmental Industrial Hygienists   |
| <b>IARC</b> - International Agency for Research on Cancer  | Predicted No Effect Concentration (PNEC)   |
| <b>ICAO/IATA</b> - International Civil Aviation Organization/International Air Transport Association | <b>IMO/IMDG</b> - International Maritime Organization/International Maritime Dangerous Goods Code                            |
| <b>MARPOL</b> - International Convention for the Prevention of Pollution from Ships                  | <b>ADG</b> - Australian Code for the Transport of Dangerous Goods by Road and Rail   |
| <b>NZS 5433:2020</b> - Transport of Dangerous Goods on Land  | <b>OECD</b> - Organisation for Economic Co-operation and Development   |
| <b>LD50</b> - Lethal Dose 50%  | <b>LC50</b> - Lethal Concentration 50%   |
| <b>EC50</b> - Effective Concentration 50%  | <b>ATE</b> - Acute Toxicity Estimate   |
| <b>WEL</b> - Workplace Exposure Limit  | <b>RPE</b> - Respiratory Protective Equipment  |
| <b>DNEL</b> - Derived No Effect Level  | <b>NOEC</b> - No Observed Effect Concentration   |
| <b>POW</b> - Partition coefficient Octanol:Water   | <b>BCF</b> - Bioconcentration factor   |
| <b>vPvB</b> - very Persistent, very Bioaccumulative  | <b>PBT</b> - Persistent, Bioaccumulative, Toxic  |
| <b>VOC</b> - (Volatile Organic Compound)   |  |

**Key literature references and sources for data**

<https://echa.europa.eu/information-on-chemicals>  
Suppliers safety data sheet, Chemadvisor - LOLI, Merck index, RTECS

**Training Advice**

Chemical hazard awareness training, incorporating labelling, Safety Data Sheets (SDS), Personal Protective Equipment (PPE) and hygiene.

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Revision Date 14-Jul-2023  
Revision Summary Update to GHS format.

**This Safety Data Sheet (SDS) is prepared in accordance to and complies with the requirements of Safe Work Australia - Work Health and Safety Regulations (WHS Regulations).**

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of Safety Data Sheet**