



# SAFETY DATA SHEET

## 1. IDENTIFICATION

|                         |                                                       |
|-------------------------|-------------------------------------------------------|
| <b>Product Name:</b>    | <b>Bendix Ceramasil</b>                               |
| <b>Recommended Use:</b> | Brake Parts Lubricant                                 |
| <b>Supplier:</b>        | FMP Group (Australia) Pty. Ltd                        |
| <b>ABN:</b>             | 14 004 332 496                                        |
| <b>Street Address:</b>  | Elizabeth Street<br>Ballarat, Victoria 3350 Australia |
| <b>Telephone:</b>       | <b>1800 819 666</b>                                   |
| <b>Facsimile:</b>       | <b>+61 35336 1274</b>                                 |
| <b>Emergency:</b>       | <b>+61 35327 0211</b>                                 |

## 2. HAZARDS IDENTIFICATION

### CLASSIFICATION

Classified according to GHS and Safe Work Australia criteria

### LABEL ELEMENTS

**Signal Word:** No signal word

**Hazard Symbol (s):**  
None

**Hazard Statement (s):** No significant effects or critical hazards

### Precautionary Statements:

|                   |                                           |                                                                                                                                |
|-------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| <b>General</b>    | <b>P101</b><br><b>P102</b><br><b>P103</b> | If medical advice is needed, have product container or label at hand<br>Keep out of reach of children Read<br>Label before use |
| <b>Prevention</b> |                                           | Not Applicable                                                                                                                 |
| <b>Response</b>   |                                           | Not Applicable                                                                                                                 |
| <b>Storage</b>    |                                           | Not Applicable                                                                                                                 |
| <b>Disposal</b>   |                                           | Not Applicable                                                                                                                 |

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient                                 | CAS number | Classification for ingredients                       | Proportion% |
|--------------------------------------------|------------|------------------------------------------------------|-------------|
| Ethanediol                                 | 107-21-1   | Acute toxicity CAT 4<br>STOT (single exposure) CAT 3 | 0.1-1       |
| Ingredients determined to be non-hazardous |            |                                                      | to 100%     |
| <b>Total</b>                               |            |                                                      | <b>100%</b> |



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## 4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre

Australia 131 126

New Zealand 0800 764 766

|                    |                                                                                                                                                                                             |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Inhalation         | Remove victim from exposure source.<br>Remove contaminated clothing and loosen remaining clothing.<br>Seek medical advice if effects persist.                                               |
| Skin Contact       | Flush skin and hair with running water and mild soap.<br>If swelling, redness, blistering or irritation occurs seek medical assistance.                                                     |
| Eye Contact        | If in eyes wash out immediately with plenty of water, also under eyelids, for at least 15 minutes.<br>In all cases of eye contamination it is a sensible precaution to seek medical advice. |
| Ingestion          | Rinse mouth with water.<br>If swallowed, do NOT induce vomiting.<br>Give a glass of water to drink.<br>Never give anything by the mouth to an unconscious patient.<br>Seek medical advice.  |
| Notes to Physician | Treat Symptomatically                                                                                                                                                                       |

## 5. FIRE FIGHTING MEASURES

|                                                                |                                                                                                                                                                                |
|----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable Extinguishing Equipment                               | If material is involved in a fire use water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).                                   |
| Specific Hazards Arising from the Chemical / Mixture           | No specific fire or explosion hazard.<br>Decomposition products may include the following materials: carbon dioxide carbon, monoxide halogenated compounds metal, oxide/oxides |
| Special Protective Equipment and Precautions for Fire Fighters | Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.                             |
| HAZCHEM Code                                                   | Not Applicable                                                                                                                                                                 |

## 6. ACCIDENTAL RELEASE MEASURES

|                                                                     |                                                                                                                                                                                                                |
|---------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Personal Precautions, Protective Equipment and Emergency Procedures | <ul style="list-style-type: none"><li>• Provide sufficient ventilation</li></ul>                                                                                                                               |
| Environmental Precautions                                           | <ul style="list-style-type: none"><li>• Prevent product from entering sewers or waterways</li><li>• If contamination of sewers or waterways has occurred advise local emergency services.</li></ul>            |
| Methods and Materials for Containment and Cleaning up               | <ul style="list-style-type: none"><li>• Clear area of all unprotected personnel</li><li>• Vacuum or sweep material</li><li>• Collect and seal in properly labelled containers or drums for disposal.</li></ul> |



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## 7. HANDLING AND STORAGE

|                               |                                                                                                                                                                                                                                                                       |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Precautions for Safe Handling | <ul style="list-style-type: none"><li>• Avoid eye contact and skin contact.</li><li>• Do not eat, drink or smoke when handling material.</li></ul>                                                                                                                    |
| Conditions for Safe Storage   | <ul style="list-style-type: none"><li>• Store in a cool, dry, well ventilated place out of direct sunlight</li><li>• Store away from foodstuffs</li><li>• Store away from incompatible materials</li><li>• Regularity check containers for damage and leaks</li></ul> |

## 8. EXPOSURE STANDARDS AND PERSONAL PROTECTION

### EXPOSURE STANDARDS

| Chemical component                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | TWA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                   | STEL |                   | Notices |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------|-------------------|---------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PPM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | mg/m <sup>3</sup> | PPM  | mg/m <sup>3</sup> |         |
| Ethylene Glycol (vapour)                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 52                | 40   | 104               |         |
| Ethylene Glycol (particulate)                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 10                | -    | -                 |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |      |                   |         |
| mg/m3 = milligrams per cubic meter                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |      |                   |         |
| PPM = Parts per Million                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |      |                   |         |
| As Published by Safe Work Australia (SWA). A list of current Australian Exposure Standards is available on the Hazardous Chemical Information System (HCIS), which can be accessed from <a href="http://www.safeworkaustralia.gov.au">www.safeworkaustralia.gov.au</a>                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |      |                   |         |
| TWA = Time Weighted Average                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | The average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                   |      |                   |         |
| STEL = Short term Exposure Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | The average airborne concentration over a 15-minute period which should not be exceeded at any time during a normal eight-hour workday.                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |      |                   |         |
| These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept too as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity. If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |      |                   |         |
| Biological Limit Values                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | No Biological limit allocated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   |      |                   |         |
| Engineering Controls                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Handle with good industrial hygiene and safe work practices.<br>Ensure ventilation is adequate to maintain air concentrations below Exposure Standards using engineering controls if necessary.<br>Use only in well-ventilated areas.<br>Use with local exhaust ventilation (LEV) or while wearing appropriate respirator.<br>Vapour is heavier than air. Prevent concentration in hollows or sumps. Do not enter confined spaces where vapour may have collected. An asphyxiant gas can lead to the reduction of oxygen concentration in air to a level unsafe for human occupation. |                   |      |                   |         |
| INDIVIDUAL PROTECTION MEASURES                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |      |                   |         |
| Avoid bodily contact with product. Do not inhale or ingest.<br>Wash hands prior to eating, drinking or smoking.<br>Wash contaminated clothing and protective equipment before storing or re-using                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |      |                   |         |
| Eye and Face Protection                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Safety Glasses with side shields                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |      |                   |         |



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| Skin Protection        | Overalls and/ or other removable protective clothing is recommended.<br>Handle with gloves. Gloves must be inspected prior to use. Nitrile rubber gloves are suitable for intermittent product handling.<br>Dispose of contaminated gloves after use in accordance with applicable laws and good workplace practices.<br>Wash and dry hands |
| Respiratory Protection | Where risk assessment shows respiratory protection is appropriate, a respirator marked as conforming to the AS/NZ 1716 standard <i>Respiratory Protective Devices</i> is required. Respiratory equipment should be used in reference to AN/NZ 1715 standard <i>Selection, Use and Maintenance of Respiratory Protective Equipment</i> .     |
| Thermal Hazards        | Standard Personal Protective Equipment required for the safe handling of this product should not adversely increase the thermal load of the wearer.                                                                                                                                                                                         |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                                |                                                                                                               |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Appearance                                     | Blue Semi-solid                                                                                               |
| Odour                                          | Mild                                                                                                          |
| pH                                             | Not Applicable                                                                                                |
| Melting point / freezing point                 | Not Available                                                                                                 |
| Initial Boiling Point and boiling range        | Not Available                                                                                                 |
| Flash Point                                    | Open cup: >260°C (>500°F)                                                                                     |
| Evaporation Rate                               | Not Available                                                                                                 |
| Flammability (solid, gas)                      | Flammable in the presence of the following materials or conditions: open flames, sparks and static discharge. |
| Upper / Lower flammability or explosive limits | Not Available                                                                                                 |
| Vapour Pressure                                | Not Available                                                                                                 |
| Vapour Density                                 | Not Available                                                                                                 |
| Relative Density g/ml (air = 1)                | >1                                                                                                            |
| Solubility                                     | Insoluble in water                                                                                            |
| Partition Coefficient: n-octanol / water       | Not Available                                                                                                 |
| Auto ignition temperature                      | Not Available                                                                                                 |
| Decomposition temperature                      | Not Available                                                                                                 |
| Viscosity                                      | Not Available                                                                                                 |

## 10. STABILITY AND REACTIVITY

|                                  |                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------|
| Chemical Reactivity              | The material is non-reactive when used and stored as directed                     |
| Chemical Stability               | The material is thermally stable when used and stored as directed                 |
| Hazardous Reactions              | No known hazardous reactions                                                      |
| Conditions to Avoid              | Elevated temperatures and sources of ignition                                     |
| Incompatible Materials           | Oxidising agents and acids                                                        |
| Hazardous Decomposition Products | Oxides of Carbon and Nitrogen and smoke may be liberated at elevated temperatures |

## 11. TOXICOLOGICAL INFORMATION

|                |                                                                       |
|----------------|-----------------------------------------------------------------------|
| Acute Toxicity | LD <sub>50</sub> Data is not available for this product as a mixture. |
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|                                                          |         |               |
|----------------------------------------------------------|---------|---------------|
| Skin corrosion / Irritation                              | Mixture | Not available |
| Serious Eye Damage / Irritation                          | Mixture | Not available |
| Respiratory or skin sensitization                        | Mixture | Not available |
| Germ cell mutagenicity                                   | Mixture | Not available |
| Carcinogenicity                                          | Mixture | Not available |
| Reproductive toxicity                                    | Mixture | Not available |
| Specific Target Organ Toxicity (STOT) –single exposure   | Mixture | Not available |
| Specific Target Organ Toxicity (STOT) –repeated exposure | Mixture | Not available |
| Aspiration Hazard                                        | Mixture | Not available |

## 12. ECOLOGICAL INFORMATION

Avoid contaminating Waterways

|                                  |                          |                          |
|----------------------------------|--------------------------|--------------------------|
| Ecotoxicity                      | No information available |                          |
| Persistence and biodegradability | Mixture                  | No information available |
| Bio accumulative Potential       | Mixture                  | No information available |
| Mobility in Soil                 | Mixture                  | No information available |
| Other Adverse Effects            | Mixture                  | No information available |

## 13. DISPOSAL CONSIDERATIONS

|                         |                                                                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Disposal Method         | <ul style="list-style-type: none"><li>Product should be disposed in accordance with applicable State / Territory Land Waste Management Authority</li></ul>                                                                                       |
| Disposal limitations    | <ul style="list-style-type: none"><li>Product should not be discharged to sewer</li><li>Product should not be discharged to storm water</li><li>Product is not suitable for recycling</li><li>Product is not suitable for incineration</li></ul> |
| Disposal Considerations | <ul style="list-style-type: none"><li>Persons conducting disposal activities please refer to the information in section 8 – Exposure Controls and Personal Protection of this SDS</li></ul>                                                      |

## 14. TRANSPORT INFORMATION

### ROAD AND RAIL TRANSPORT

Not Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

### MARINE TRANSPORT

Not Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

### AIR TRANSPORT

Not Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

## 15. REGULATORY INFORMATION

The product is subject to the following international agreements

|                                                |                |
|------------------------------------------------|----------------|
| Montreal Protocol (Ozone Depleting Substances) | Not Applicable |
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|                                                                                           |                                                      |
|-------------------------------------------------------------------------------------------|------------------------------------------------------|
| The Stockholm Convention (Persistent Organic Pollutants)                                  | Not Applicable                                       |
| The Rotterdam Convention (Prior Informed Consent)                                         | Not Applicable                                       |
| Basel Convention (Hazardous Waste)                                                        | Not Applicable                                       |
| International Convention for the prevention of Pollution from Ships (MARPOL)              | Not Applicable                                       |
| <b>The product is subject to the following Health Safety and Environmental Regulation</b> |                                                      |
| Standard for the uniform scheduling of medicines and poisons (SUSMP)                      | Poisons Schedule: Not assigned                       |
| Australian inventory of chemical substances (ACIS)                                        | Not Applicable for product<br>Constituents as listed |

## 16. OTHER INFORMATION

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

### SDS Preparation Information

| SDS Version | Reason for Revision   | Notes          |
|-------------|-----------------------|----------------|
| 1.0         | Release in GHS Format | SDSID: BCS0320 |
| 2.0         | Review and Update     | SDSID: BCS0325 |

This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since FMP Group (Australia) Pty Limited 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 company.

Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.

### Abbreviations and Acronyms Used in preparation of the SDS

|                   |                                                          |
|-------------------|----------------------------------------------------------|
| GHS               | Global Harmonized System of Classification and Labelling |
| ADG               | Australian Dangerous Goods Code                          |
| SWA               | Safe Work Australia                                      |
| TWA               | Time Weighted Average                                    |
| PPM               | Parts Per Million                                        |
| mg/m <sup>3</sup> | Milligrams per cubic meter                               |
| STEL              | Short Term Exposure Limit                                |
| LD <sub>50</sub>  | Lethal Dose 50%                                          |
| LC <sub>50</sub>  | Lethal Concentration 50%                                 |
| IARC              | International Agency for Research on Cancer              |
| STOT              | Specific Target Organ Toxicity                           |