SAFETY DATA SHEET

1. IDENTIFICATION

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

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:		
General	**P101** **P102** **P103**	If medical advice is needed, have product container or label at hand Keep out of reach of children Read Label before use
Prevention		Not Applicable
Response		Not Applicable
Storage		Not Applicable
Disposal		Not Applicable

3. COMPOSITION / INFORMATION ON INGREDIENTS

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

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. Remove contaminated clothing and loosen remaining clothing. Seek medical advice if effects persist.
Skin Contact	Flush skin and hair with running water and mild soap. 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. In all cases of eye contamination it is a sensible precaution to seek medical advice.
Ingestion	Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. 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. 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	• Provide sufficient ventilation
Environmental Precautions	• Prevent product from entering sewers or waterways • If contamination of sewers or waterways has occurred advise local emergency services.
Methods and Materials for Containment and Cleaning up	• Clear area of all unprotected personnel • Vacuum or sweep material • Collect and seal in properly labelled containers or drums for disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling	• Avoid eye contact and skin contact. • Do not eat, drink or smoke when handling material.
Conditions for Safe Storage	• Store in a cool, dry, well ventilated place out of direct sunlight • Store away from foodstuffs • Store away from incompatible materials • Regularity check containers for damage and leaks

8. EXPOSURE STANDARDS AND PERSONAL PROTECTION

EXPOSURE STANDARDS

Chemical component	TWA		STEL		Notices
	PPM	mg/m^3	PPM	mg/m^3	
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 www.safeworkaustralia.gov.au

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. Ensure ventilation is adequate to maintain air concentrations below Exposure Standards using engineering controls if necessary. Use only in well-ventilated areas. Use with local exhaust ventilation (LEV) or while wearing appropriate respirator. 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.
Wash hands prior to eating, drinking or smoking.
Wash contaminated clothing and protective equipment before storing or re-using

Eye and Face Protection	Safety Glasses with side shields

Skin Protection	Overalls and/ or other removable protective clothing is recommended. Handle with gloves. Gloves must be inspected prior to use. Nitrile rubber gloves are suitable for intermittent product handling. Dispose of contaminated gloves after use in accordance with applicable laws and good workplace practices. 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 *Respiratory Protective Devices* is required. Respiratory equipment should be used in reference to AN/NZ 1715 standard *Selection, Use and Maintenance of Respiratory Protective Equipment*.
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_{50} Data is not available for this product as a mixture.

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	• Product should be disposed in accordance with applicable State / Territory Land Waste Management Authority
Disposal limitations	• Product should not be discharged to sewer • Product should not be discharged to storm water • Product is not suitable for recycling • Product is not suitable for incineration
Disposal Considerations	• Persons conducting disposal activities please refer to the information in section 8 – Exposure Controls and Personal Protection of this SDS

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

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
The product is subject to the following Health Safety and Environmental Regulation	
Standard for the uniform scheduling of medicines and poisons (SUSMP)	Poisons Schedule: Not assigned
Australian inventory of chemical substances (ACIS)	Not Applicable for product 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/m3	Milligrams per cubic meter
STEL	Short Term Exposure Limit
LD50	Lethal Dose 50%
LC50	Lethal Concentration 50%
IARC	International Agency for Research on Cancer
STOT	Specific Target Organ Toxicity