

SAFETY DATA SHEET

according to Safe Work Australia



Polishing Paste Bars VP FE

Product number 727

Revision date: 9/2/2022
Version: 5.0

Language: en-AU

Date of print: 14/2/2022
Page: 1 of 7

1. Product identifier and identity for the chemical

Product identifier

Trade name: Polishing Paste Bars VP FE

This safety data sheet pertains to the following products:
44250001 = POLISH.COMP.BARS G-PP1 VPFE
44250006 = POLISH.COMP.BARS K-PP1 VPFE

Recommended use of the chemical and restrictions on use

General use: Polishing agent.
Reserved for industrial and professional use.

Suppliers name, address and phone number

Company name: PFERD Australia Pty. Ltd.
Street/POB-No.: Conifer Crescent 1-3
Postal Code, city: AU-3172 DINGLEY, VIC.
WWW: www.pferd.com
E-mail: sales@pferd.com.au
Telephone: (03) 95653200

Department responsible for information:
Telephone: (03) 95653200

Emergency phone number

Australia: 1-300-954-583
New Zealand: 0800-764-766

2. Hazard Identification

Classification of the hazardous chemical

GHS classification

This mixture is classified as not hazardous.

Label elements

Hazard statements: not applicable

Precautionary statements: not applicable

Other hazards which do not result in classification

Repeated exposure may cause skin dryness or cracking.
Mechanical processing produce particles and dust from the workpiece and abrasive.
Particles/dusts: Can cause skin, eye and respiratory tract irritation.

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3. Composition/information on ingredients

Mixtures

Identity of chemical ingredients:

Mixture of the substances listed below with non-hazardous additions.
Contains Aluminium oxide, paraffin, Barium sulfate

4. First Aid Measures

Description of necessary first aid measures

- In case of inhalation: Provide fresh air. If you feel unwell, seek medical advice.
- Following skin contact: Remove residues with soap and water. Take off contaminated clothing and wash it before reuse. In case of skin reactions, consult a physician.
- After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. In case of eye irritation consult an ophthalmologist.
- After swallowing: Rinse mouth and drink large quantities of water. Avoid vomiting. Never give anything by mouth to an unconscious person. Seek medical attention.

Symptoms caused by exposure

In case of inhalation:
Inhalation of dust may cause shortness of breath, tightness of the chest, a sore throat and cough. Lung damages, asthma.

In case of ingestion: Large amounts: nausea and diarrhoea.

After contact with skin: Repeated exposure may cause skin dryness or cracking.

After eye contact: Eye contact may cause mechanical irritation (dust).

Medical Attention and Special Treatment

Treat symptomatically.

5. Fire Fighting Measures

Suitable extinguishing media

Product is non-combustible. Extinguishing materials should therefore be selected according to surroundings.

Specific hazards arising from the chemical

In case of fire may be liberated: Metal oxide smoke, nitrogen oxides (NOx), carbon monoxide and carbon dioxide.

Special protective equipment and precautions for fire fighters

Special protective equipment for firefighters:

Wear self-contained breathing apparatus.

Additional information: Hazchem-Code: -

Do not allow fire water to penetrate into surface or ground water.

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6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Avoid generation of dust. Do not breathe dust. Wear personal protection equipment. Provide adequate ventilation. Avoid contact with skin and eyes. Take off contaminated clothing and wash it before reuse.

Environmental precautions

Do not allow to enter into ground-water, surface water or drains.

Methods and material for containment and cleaning up

Take up mechanically, placing in appropriate containers for disposal.

7. Handling and Storage

Precautions for safe handling

Advices on safe handling: Provide adequate ventilation, and local exhaust as needed. Avoid generation of dust. Do not breathe dust. Wear personal protection equipment. Avoid contact with skin and eyes. Take off contaminated clothing and wash it before reuse. When using do not eat, drink or smoke. Wash hands before breaks and after work.

Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers: Store in a cool dry place.
Hints on joint storage: Do not store together with food.

8. Exposure controls/personal protection

Control parameters

Occupational exposure limit values:

CAS No.	Designation	Type	Limit value
1344-28-1	Aluminium oxide	Australia: OEL-TWA	10 mg/m ³ (inhalable fraction)
8002-74-2	Paraffin	Australia: OEL-TWA	2 mg/m ³
7727-43-7	Barium sulfate	Australia: OEL-TWA	10 mg/m ³ (inhalable fraction)

Appropriate engineering controls

Provide good ventilation and/or an exhaust system in the work area.

Personal protective equipment (PPE)

Occupational exposure controls

Respiratory protection: Respiratory protection must be worn according to AS/NZS 1715 and AS/NZS 1716 whenever the WEL levels have been exceeded. In case of inadequate ventilation wear respiratory protection. The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product.

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Hand protection: Protective gloves according to AS/NZS 2161.
Glove material: Nitrile rubber
Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection: Risk of splashes: Tightly sealed eye protectors according to AS/NZS 1337.

Body protection: Wear suitable protective clothing and shoes.

General protection and hygiene measures:
Do not breathe dust. Avoid contact with skin and eyes.
When using do not eat, drink or smoke. Take off contaminated clothing and wash it before reuse.
Wash hands before breaks and after work.

Environmental exposure controls

Refer to 6.: Section "Environmental precautions".

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance: Physical state at 20 °C and 101.3 kPa: solid
Colour: bright green

Odour: characteristic

Odour threshold: No data available

pH: Not applicable

Melting point/freezing point: No data available

Initial boiling point and boiling range: No data available

Flash point/flash point range: Not applicable

Evaporation rate: No data available

Flammability: not combustible

Explosion limits: No data available

Vapour pressure: No data available

Vapour density: No data available

Density: at 20 °C: approx. 1.4 g/cm³

Water solubility: dispersible

Partition coefficient: n-octanol/water: No data available

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Additional information

Viscosity: No data available

Additional information: No data available

10. Stability and Reactivity

Reactivity: Refer to subsection "Possibility of hazardous reactions".

Chemical stability: Stable under recommended storage conditions.

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Possibility of hazardous reactions:

No dangerous reactions are known.

Conditions to avoid:

Protect from frost.
Protect against heat /sun rays. Protect from moisture contamination.

Incompatible materials:

No data available

Hazardous decomposition products:

No hazardous decomposition products when regulations for storage and handling are observed.

Thermal decomposition:

No data available

11. Toxicological information

Information on toxicological effects

Toxicological effects:

The statements are derived from the properties of the single components. No toxicological data is available for the product as such.

Acute toxicity (oral): Based on available data, the classification criteria are not met.

Acute toxicity (dermal): Based on available data, the classification criteria are not met.

Acute toxicity (inhalative): Based on available data, the classification criteria are not met.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.
Frequently or prolonged contact with skin may cause dermal irritation.

Serious eye damage/irritation: Based on available data, the classification criteria are not met.

Dust contact with the eyes can lead to mechanical irritation.

Sensitisation to the respiratory tract: Based on available data, the classification criteria are not met.

Skin sensitisation: Based on available data, the classification criteria are not met.

Germ cell mutagenicity/Genotoxicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

Effects on or via lactation: Lack of data.

Specific target organ toxicity (single exposure): Based on available data, the classification criteria are not met.

Specific target organ toxicity (repeated exposure): Lack of data.

Aspiration hazard: Based on available data, the classification criteria are not met.

Other information:

Pre-existing skin and respiratory conditions including dermatitis, asthma and chronic lung disease might be aggravated by exposure.

Symptoms

In case of inhalation:

Inhalation of dust may cause shortness of breath, tightness of the chest, a sore throat and cough. Lung damages, asthma.

In case of ingestion: Large amounts: nausea and diarrhoea.

After contact with skin: Repeated exposure may cause skin dryness or cracking.

After eye contact: Eye contact may cause mechanical irritation (dust).

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12. Ecological information

Ecotoxicity

Further details: No data available

Persistence and degradability

Further details: No data available

Bioaccumulative potential

Partition coefficient: n-octanol/water:
No data available

Mobility in soil

No data available

Other adverse effects

General information: Do not allow to enter into ground-water, surface water or drains.

13. Disposal considerations

Waste treatment methods

Product

Recommendation: Dispose of waste according to applicable legislation.

Package

Recommendation: Dispose of waste according to applicable legislation. Handle contaminated packages in the same way as the substance itself.

14. Transport information

Land transport (ADG)

Product designation: Not restricted

Sea transport (IMDG)

Proper shipping name: Not restricted
Marine pollutant: no

Air transport (IATA)

Proper shipping name: Not restricted

Further information

No dangerous good in sense of these transport regulations.

Hazchem-Code:

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15. Regulatory information

National regulations - Australia

No data available

Further regulations, limitations and legal requirements

No data available

16. Other information

Abbreviations and acronyms:

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
OEL: Occupational Exposure Limit Value
AS/NZS: Australian Standards/New Zealand Standards
CAS: Chemical Abstracts Service
CFR: Code of Federal Regulations
CLP: Classification, Labelling and Packaging
DMEL: Derived minimal effect level
DNEL: Derived no-effect level
EC: European Community
EN: European Standard
IATA: International Air Transport Association
IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IMDG Code: International Maritime Dangerous Goods Code
MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
OSHA: Occupational Safety and Health Administration
PBT: Persistent, bioaccumulative and toxic
PNEC: Predicted no-effect concentration
RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail
TLV: Threshold Limit Value
vPvB: Very persistent and very bioaccumulative
WEL: Workplace Exposure Limit

Reason of change: Changes in section 3: Information on ingredients
General revision

Date of first version: 28/6/2016

Department issuing data sheet

Contact person: see section 1: Department responsible for information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products.