

SAFETY DATA SHEET

according to Safe Work Australia



Polishing Paste Bars VP NE

Product number 729

Revision date: 3/11/2021
Version: 5.0

Language: en-AU

Date of print: 5/11/2021
Page: 1 of 8

1. Product identifier and identity for the chemical

Product identifier

Trade name: Polishing Paste Bars VP NE

This safety data sheet pertains to the following products:
44250003 POLISH.COMP.BARS G-PP3 VPNE
44250008 POLISH.COMP.BARS K-PP3 VPNE

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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Revision date: 3/11/2021
Version: 5.0

Language: en-AU

Date of print: 5/11/2021
Page: 2 of 8

3. Composition/information on ingredients

Mixtures

Identity of chemical ingredients:

Preparation does not contain dangerous substances above limits that need to be mentioned in this section according to applicable legislation.

Additional information: Contains Aluminium oxide, paraffin, Barium sulfate. The maximum workplace exposure limits are, where necessary, listed in section 8.
The ingredients are embedded in the product.

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. Do not induce 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

Extinguishing powder, water spray jet, carbon dioxide, alcohol resistant foam

Extinguishing media which must not be used for safety reasons:

Full water jet

Specific hazards arising from the chemical

Not combustible. In case of fire may be liberated: nitrogen oxides (NO_x), 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: -

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Polishing Paste Bars VP NE

Product number 729

Revision date: 3/11/2021
Version: 5.0

Language: en-AU

Date of print: 5/11/2021
Page: 3 of 8

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear appropriate protective equipment. Provide adequate ventilation. Avoid contact with skin and eyes. Avoid generation of dust. Do not breathe dust. 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 appropriate protective 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. Protect from frost.
Protect against heat /sun rays. Protect from moisture contamination. Recommended storage temperature: 20 °C.

Hints on joint storage: Keep away from food, drink and animal feedingstuffs. Do not store together with: strong oxidizing agents, strong reducing agents

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.

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according to Safe Work Australia



Polishing Paste Bars VP NE

Product number 729

Revision date: 3/11/2021
Version: 5.0

Language: en-AU

Date of print: 5/11/2021
Page: 4 of 8

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.
The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.
Particulates filter P1-3
- Hand protection:** Protective gloves according to AS/NZS 2161.
Glove material Nitrile rubber (0.35 mm), butyl caoutchouc (butyl rubber) (0.5 mm), Polychloroprene (0.5 mm), fluoro rubber (0.4 mm), polyvinyl chloride (0.5 mm) penetration time >480 min.
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: brown
- 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: 1.4 - 1.6 g/cm³
- Solubility:** No data available
- Partition coefficient: n-octanol/water:** No data available
- Auto-ignition temperature:** not sustaining combustion
- Decomposition temperature:** No data available

SAFETY DATA SHEET

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Polishing Paste Bars VP NE

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Date of print: 5/11/2021

Page: 5 of 8

Additional information

Viscosity: No data available

Solid content: 72 - 74 %

10. Stability and Reactivity

Reactivity: no data available

Chemical stability: Stable under recommended storage conditions.

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:

Strong oxidizing agents, strong reducing agents

Hazardous decomposition products:

No known hazardous decomposition products.

Thermal decomposition:

No data available

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Language: en-AU

Date of print: 5/11/2021
Page: 6 of 8

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): Lack of data.

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

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

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).

12. Ecological information

Ecotoxicity

Further details: No data available

Persistence and degradability

Further details: No data available

Bioaccumulative potential

Bioconcentration factor (BCF):
No indication of bioaccumulation potential.

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Polishing Paste Bars VP NE

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Language: en-AU

Date of print: 5/11/2021
Page: 7 of 8

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

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Polishing Paste Bars VP NE

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Version: 5.0

Language: en-AU

Date of print: 5/11/2021

Page: 8 of 8

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: General revision

Date of first version: 10/8/2016

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.