

SAFETY DATA SHEET

Pellermax Metal Pretreatment (Mp)

ISSUE DATE: December 2015.

VERSION: 1.0

1. Identification of the Substance/Mixture and Supplier.

Product name: Pellermax Metal Pre Treatment
Application: Metal Pretreatment
Company: Oceanz88 Ltd
P O Box 98
Auckland 0661
New Zealand
Emergency telephone: Chemwatch (24hrs 7 days) +800 24362255 (New Zealand)
Alternative number +61 2 9186 1132 (Australia)

2. Hazards Identification

Hazardous status (HSNO): 6.1D,8.1A,8.2C,8.3A,9.1D,9.3C.
Hazardous Status: Classified as hazardous according to ERMA criteria
Signal Word: **DANGER**

HAZARD CLASSIFICATIONS & STATEMENTS

Causes skin burns and eye damage
Corrosive to metals
Harmful if swallowed, inhaled or in contact with skin
Harmful to terrestrial vertebrates

PRECAUTION STATEMENTS

Keep out of reach of children.
Read label and safety data sheets before use.
If medical advice is needed have product container or label on hand.
Keep only in original container
Do not breathe mist
Wash thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
Do not release to the environment

GHS DIAMONDS



3. Composition/Information on Ingredients.

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| <u>Substance Name</u> | <u>CAS Number</u> | <u>Proportion %w/w</u> |
|--|-------------------|------------------------|
| 2-Butoxy ethanol (below cut off) | 111-76-2 | <5% |
| Phosphoric Acid | 7664-38-2 | 5 – 15% |
| Water & other non-hazardous substances | Mixture | Greater than 60% |

4. First Aid Measures.

| | |
|----------------------------|--|
| Swallowed | If swallowed do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTRE or doctor |
| Inhaled | If inhaled, move the victim to fresh air immediately. Begin artificial respiration if breathing has stopped. Obtain medical attention if symptoms occur. |
| Eye Contact | If splashed in the eyes, wash out immediately with water for several minutes. Remove contact lenses if easy to do. If eye irritation persists get medical advice |
| Skin Contact | If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Immediately call a POISON CENTRE or doctor |
| Further Information | For advice contact National Poisons Center - 0800 764 766 – or a doctor, immediately. |

5. Fire-Fighting Measures.

| | |
|---|---|
| Suitable extinguishing media | Refer to SDS of substance causing fire. |
| Special fire fighting procedures | Refer to SDS of substance causing fire. |
| Hazchem code | Nil |
| Flammability | Not flammable or combustible. If involved in a fire may generate noxious and corrosive fumes. |

6. Accidental Release Measures.

| | |
|-----------------|---|
| Spillage | Material may be slippery with spilt. Walk cautiously. Ventilate area. Wear protective equipment to prevent skin and eye contact. Bund area using sand or soil – to prevent run off into drains and water ways shovel or use HEPA vacuum system to collect, and then place into properly labelled containers for disposal. |
| | |

7. Handling and Storage.

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| | |
|-----------------|---|
| Handling | Avoid skin or eye contact, or breathing in the product. |
| Storage | Store in a cool place and out of direct sunlight. Store away from sources of heat or ignition. Store away from oxidizing agents and strong alkalis. |

8. Exposure Control/Personal Protection

Exposure Standards

| Product/Ingredient | WES/TWA | WES/STEL | |
|--|--|---------------------|--|
| 2-Butoxy Ethanol (below cut off) | 25 ppm (121 mg/m ³) | Not determined | |
| Phosphoric Acid (orthophosphoric acid) | 1 mg/m ³ | 3 mg/m ³ | |
| Personal Protection | | | |
| Respiratory | Select and use respirators in accordance with local governance | | |
| Eyes | Goggles or face shield to protect eyes | | |
| Hands | PVC or rubber gloves | | |
| Other | N/A | | |

9. Physical and Chemical Properties

| PROPERTY | SPECIFICATION | REFERENCE |
|-----------------------------|-------------------------|-----------|
| Physical state | Liquid | |
| Colour | Colourless Clear Liquid | |
| Odour | n/a | |
| pH 100% | Approx. 1.0 | |
| Boiling Pt | ≥100 deg.C. | |
| Flash Pt | None | |
| Explosive properties | not determined | |
| Solubility | Soluble | |

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10. Stability and Reactivity

| | |
|---|---|
| Stability | Product is stable under normal conditions of use. |
| Conditions to avoid | Heat, flames, ignition sources and incompatibles. |
| Hazardous decomposition products | Emits choking and corrosive fumes when heated to decomposition. |
| Materials to avoid | Strong alkalis and oxidizing agents. |
| Hazardous polymerization | Will not occur |

11. Toxicological Information

| Health Effects | | | |
|--|---|------------------------|--|
| Swallowed | Will cause burns to the mouth, mucous membranes, throat, oesophagus and stomach. If sufficient quantities are ingested (swallowed) death may occur. | | |
| Inhaled | Inhalation of mist may cause severe irritation to the nose, throat and respiratory system with effects including dizziness, headache, coughing, loss of co-ordination, chest pains, respiratory paralysis and or failure. | | |
| Skin | Will cause burns to the skin, with effects including: Redness, blistering, localised pain and dermatitis | | |
| Eyes | Will cause burns to the eyes with effects including: Pain, tearing, conjunctivitis and if duration of exposure is long enough, blindness will occur. | | |
| Chronic | Prolonged or repeated skin contact will lead to necrosis (death) of the skin. | | |
| Toxicity Data (species Rat, unless stated otherwise) | | | |
| Product/Ingredient | LD50 Oral – mg/kg | LD50 Dermal – mg/kg | |
| 2-Butoxy Ethonal | Rabbit 300 mg/kg | Guinea Pig 210mg/kg | |
| Phosphoric Acid | Rat 1530 mg/kg | Rabbit 2740 mg/kg | |

12. Ecological Information

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Eco-toxicity:

This substance may cause long term adverse effects in the aquatic environment. Harmful to terrestrial vertebrates. Do not release into the environment. Collect spillage.

13. Disposal Considerations.

Methods of disposal

Dispose of the product and container in accordance with local regulations. Packaging may still contain product vapours

14. Transportation Information.

Road Transport

UN No: 1805

Packing Group: III

Proper Shipping Name: Phosphoric Acid

Product Name: Pellermax MP

Dangerous Goods Class: 8

15. Regulatory Information.

Classification:

ERMA Group Standard: Metal Industry Products (corrosive) HSR002609

Refer to the Group Standard document for further information

16. Other Information.

Disclaimer:

This SDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Each user should read this SDS and consider the information with the way the product is intended to be handles or used.