

SAFETY DATA SHEET

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|-------------------|--------------------------------------------------------|
| Section 1. | Identification of the material and the supplier |
|-------------------|--------------------------------------------------------|

Product: **Concrete Cleaner**
 Item Code: 4098
 Product Use: Ceramic & Concrete Cleaner
 Restriction of Use: Refer to Section 15

Australian Supplier: **Norglass Paints**
 Address: 59 Moxon Road
 Punchbowl NSW 2196
 Australia
 Telephone: +61 2 9708 2200
 Email: techinfo@norglass.com.au

New Zealand Supplier: xxx
 Address: xxx
 Telephone: 0508 724687

Emergency Numbers:
Australia: 13 1126 (Poisons Information Centre)
New Zealand: 0800 764 766 (National Poison Centre)

Date of SDS Preparation: 10 December 2023 v3

| | |
|-------------------|-------------------------------|
| Section 2. | Hazards Identification |
|-------------------|-------------------------------|

Australia:
 Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia

New Zealand:
 This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

EPA Approval No: Surface Coatings and Colourants (Corrosive) - HSR002658

Pictograms



Signal Word: **DANGER**

| GHS Classification and Category | Hazard Code | Hazard Statement |
|---------------------------------------|-------------|------------------------------------------|
| Skin corrosion Cat. 1C | H314 | Causes severe skin burns and eye damage. |
| Serious eye damage Cat. 1 | H318 | Causes serious eye damage. |
| Hazardous to terrestrial vertebrates. | H433 | Hazardous to terrestrial vertebrates. |

| Prevention Code | Prevention Statement |
|------------------------|---------------------------------------------|
| P102 | Keep out of reach of children. |
| P103 | Read carefully and follow all instructions. |
| P260 | Do not breathe fumes or vapours. |
| P264 | Wash hands thoroughly after handling. |
| P273 | Avoid release to the environment. |
| P280 | Wear protective clothing. |

| Response Code | Response Statement |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------|
| P101 | If medical advice is needed, have product container or label at hand. |
| P310 | Immediately call a POISON CENTER or doctor/physician. |
| P363 | Wash contaminated clothing before reuse. |
| P301 + P330+P331 | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. |
| P303 + P361+P353 | IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. |
| P304 + P340 | IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. |
| P305 + P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |

| Storage Code | Storage Statement |
|---------------------|--------------------------|
| P405 | Store locked up. |

| Disposal Code | Disposal Statement |
|----------------------|----------------------------------------------------------|
| P501 | Dispose of according to Local Regulations or Authorities |

Section 3. Composition / Information on Ingredients

| Ingredients | Wt% | CAS NUMBER. |
|--------------------|------------|--------------------|
| Phosphoric Acid | 0.1 - 1 | 7664-38-2 |
| Oxalic Acid | 5-10 | 6153-56-6 |
| Water | To bal | 7732-18-5 |

Section 4. First Aid Measures

Routes of Exposure:

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| If in Eyes | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice. |
| If on Skin | Wash with plenty of soap and water. Take off contaminated clothing and wash before re-use. If skin irritation occurs: get medical advice/attention. |
| If Swallowed | Rinse mouth. DO NOT induce vomiting. Give a glass of water. Never give anything to the mouth of an unconscious person. If vomiting occurs, place victim face downwards, with the head turned to the side and lower than the hips to prevent vomit entering the lungs. Call a POISON CENTER or doctor/physician if you feel unwell. |
| If Inhaled | Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult. |

Most important symptoms and effects, both acute and delayed

Symptoms:

Product Name: Concrete Cleaner
Date of SDS: 10 December 2018

SDS Prepared by: Technical Compliance Consultants (NZ) Ltd
Tel: 64 9 475 5240 www.techcomp.co.nz

| | |
|--------------------|------------------------------|
| Ingestion: | May be harmful if swallowed. |
| Inhalation: | Not applicable. |
| Skin: | Causes severe skin burns. |
| Eye: | Causes serious eye damage. |
| Chronic: | Not applicable. |

Section 5. Fire Fighting Measures

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|---------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hazard Type | Non Flammable |
| Hazards from combustion products | Not combustible, however following evaporation of the water component of the material, the residual material can burn if ignited. On burning will emit toxic fumes. |
| Suitable Extinguishing media | Fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder). |
| Precautions for firefighters and special protective clothing | Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion. |
| HAZCHEM CODE | 2X |

Section 6. Accidental Release Measures

Personal precautions:

Wear protective equipment as detailed in Section 8. Clear area of any unprotected personnel.

Environmental precautions:

Do not discharge into drains/surface waters/groundwater. Do not discharge into the subsoil/soil. Notify authorities if product enters sewers or public waters.

Spill and Disposal procedures:

Small spills: Wipe up with rag or absorbent paper. Collect in a container for disposal via special chemical waste collection.

Large spills: Wear protective equipment to prevent skin and eye contact and breathing in vapours. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal.

Section 7. Handling and Storage

Precautions for Handling:

- Read carefully and follow all instructions.
- Do not breathe fumes or vapours.
- Wash hands thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Avoid release to the environment.
- Wear protective clothing.

Precautions for Storage:

- Store away from incompatible materials listed in Section 10.
- Store locked up.
- Store in cool place and out of direct sunlight.
- Store away from foodstuffs.
- Keep containers closed when not in use - check regularly for leaks.

Section 8 Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

| Substance | TWA | | STEL | |
|-----------|-----|-------------------|------|-------------------|
| | ppm | mg/m ³ | ppm | mg/m ³ |

Product Name: Concrete Cleaner
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Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices APRIL 2022 13TH EDITION.

Engineering Controls

Use in well ventilated areas. Keep containers closed when not in use.

Personal Protection Equipment:



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|-----------------------|---------------------------------------------------------------------------|
| Eyes | Wear safety goggles with side shields. Avoid wearing contact lenses. |
| Hands and Skin | Wear impervious gloves and overalls. |
| Respiratory | Use appropriate cartridge absorbent face masks where ventilation is poor. |
| General | Observe good standards of hygiene and cleanliness. |

Section 9 Physical and Chemical Properties

| | |
|----------------------------------------|-------------------|
| Appearance | Clear Blue Liquid |
| Odour | Not available |
| Odour Threshold | Not available |
| pH | 3 |
| Boiling Point | 100°C(water) |
| Melting Point | Not available |
| Freezing Point | Not available |
| Flash Point | Not available |
| Flammability | Not available |
| Upper and Lower Exposure Limits | Not available |
| Volatile Component | Not available |
| Vapour Pressure | Not available |
| Specific Gravity | 1.02 @20°C |
| Solubilities | Soluble |
| Partition Coefficient: | Not available |
| Auto-ignition Temperature | Not available |
| Decomposition Temperature | Not available |
| Kinematic Viscosity | Not available |
| Particle Characteristics | Not available |

Section 10. Stability and Reactivity

| | |
|-----------------------------------------|---------------------------------------------------------------------------------------------|
| Stability of Substance | This product is stable under normal conditions. |
| Conditions to Avoid | Avoid contact with foodstuffs. Avoid exposure to heat, sources of ignition, and open flame. |
| Incompatible Materials | Incompatible with alkalis. |
| Hazardous Decomposition Products | Oxides of carbon. Oxides of nitrogen. |

Section 11 Toxicological Information

Acute Effects:

| | |
|-------------------|----------------------------------------------------------------------------------|
| Swallowed | Not applicable. Mixture calculation: LD50 = 4036mg/kg |
| Dermal | Not applicable. |
| Inhalation | Not applicable. |
| Eye | Causes serious eye damage. Contamination of eyes can result in permanent injury. |
| Skin | Causes severe skin burns. |

Chronic Effects:

| | |
|-------------------------------|-----------------|
| Carcinogenicity | Not applicable. |
| Reproductive Toxicity | Not applicable. |
| Germ Cell Mutagenicity | Not applicable. |
| Aspiration | Not applicable. |
| STOT/SE | Not applicable. |
| STOT/RE | Not applicable. |

Individual component information:**Acute Toxicity:**

| Chemical Name | Oral – LD50 | Dermal – LD50 | Inhalation – LC50 |
|--------------------------------|--------------------|----------------------|--------------------------|
| Phosphoric acid (7664-38-2) | 1530 mg/kg (rat) | 2740mg/kg (rabbit) | - |

Section 12. Ecotoxicological Information**New Zealand:**

Hazardous to terrestrial vertebrates.

| | |
|--------------------------------------|----------------------------------|
| Persistence and degradability | No data available |
| Bioaccumulation | No data available |
| Mobility in Soil | No data available |
| Other adverse effects | No data available |
| Precautions | Do not allow to enter waterways. |

Section 13. Disposal Considerations

Disposal Method: Place recovered product into an appropriate waste container for disposal through appropriate waste company or specialized landfill in accordance with local regulations. Ensure container is sealed and isolated away from ignition sources.

Precautions: Ensure waste container containing recovered product or contaminated spill media is labelled "Hazardous Waste – Corrosive, Ecotoxic". If triple rinsing container, add rinsate to waste container for disposal.

Disposal methods to avoid: Do not allow to enter waterways.

Section 14 Transport Information

This product is classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) (7th edition).

This product is classified as a Dangerous Good for transport in NZ ; NZS 5433:2020



Road, Rail, Sea and Air Transport

| | |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UN No | 3265 |
| Class - Primary | 8 |
| Packing Group | III |
| Proper Shipping Name | CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. |
| Marine Pollutant | No |
| Special Provisions | If the product's individual container is below 5L/kg, it can be transported as a non-DG as long as the product packaging is still labelled as per DG requirements and the driver is given safety information in accordance with Chapter 3.4 of the UNRTDG. |

Section 15 Regulatory Information

Australia:

Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Classified as a **Schedule 6** Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

New Zealand:

This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

EPA Approval Code: Surface Coating and Colourant (Corrosive) – HSR002658

| HSW (HS) Regulations 2017 and EPA Notices | Trigger Quantity |
|-------------------------------------------|------------------------------------|
| Certified Handler | Not required |
| Location Certificate | Not required |
| Tracking Trigger Quantities | Not required |
| Signage Trigger Quantities | 1000L |
| Emergency Response Plan | 10 000L |
| Secondary Containment | 10 000L |
| Restriction of Use | Only use for the intended purpose. |

Section 16 Other Information

Glossary

| | |
|------------------|-----------------------------------------------------------------------------------------|
| EC ₅₀ | Median effective concentration. |
| EEL | Environmental Exposure Limit. |
| EPA | Environmental Protection Authority |
| HSNO | Hazardous Substances and New Organisms. |
| HSW | Health and Safety at Work. |
| LC ₅₀ | Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it. |
| LD ₅₀ | Lethal dose to kill 50% of test animals/organisms. |
| LEL | Lower explosive level. |
| OSHA | American Occupational Safety and Health Administration. |
| TEL | Tolerable Exposure Limit. |
| TLV | Threshold Limit Value-an exposure limit set by responsible authority. |
| UEL | Upper Explosive Level |
| WES | Workplace Exposure Limit |

References:

Australia:

1. Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.
2. Standard for the Uniform Scheduling of Medicines and Poisons.
3. Australian Code for the Transport of Dangerous Goods by Road & Rail.

4. Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.
5. Workplace exposure standards for airborne contaminants, Safe work Australia.
6. American Conference of Industrial Hygienists (ACGIH).
7. Globally Harmonised System of classification and labelling of chemicals.

New Zealand:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices APRIL 2022 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2020
5. HSW (Hazardous Substances) Regulations 2017

Disclaimer

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Please contact the Australian Manufacturer or New Zealand distributor, if further information is required.

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