

## SAFETY DATA SHEET

### Section 1. Identification of the material and the supplier

Product: **Concrete Cleaner**  
 Item Code: 4095  
 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: [info@norglass.com.au](mailto:info@norglass.com.au)

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

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

Date of SDS Preparation: 14 August 2017

### Section 2. Hazards Identification

**This substance is hazardous according to:**  
**New Zealand - The HSNO (Minimum Degrees of Hazard) Regulations 2001**  
**Australia - The Globally Harmonised System of Classification and Labelling of Chemicals, 3rd Revised Edition**

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

#### Pictograms



Corrosive

Signal Word: **DANGER**

HSNO Classification	Hazard Code	Hazard Statement	GHS Category
6.1E (oral)	H303	May be harmful if swallowed.	Category 5
8.2C	H314	Causes severe skin burns and eye damage.	Category 1C
8.3A	H318	Causes serious eye damage.	Category 1
9.3C	H433	Harmful to terrestrial vertebrates.	

<b>Prevention Code</b>	<b>Prevention Statement</b>
P102	Keep out of reach of children.
P103	Read label before use.
P260	Do not breathe fumes or vapours.
P264	Wash hands thoroughly after handling.
P273	Avoid release to the environment.
P280	Wear protective clothing.

<b>Response Code</b>	<b>Response Statement</b>
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.

<b>Storage Code</b>	<b>Storage Statement</b>
P405	Store locked up.

<b>Disposal Code</b>	<b>Disposal Statement</b>
P501	Dispose of according to Local Regulations or Authorities

### **Section 3. Composition / Information on Ingredients**

<b>Ingredients</b>	<b>Wt%</b>	<b>CAS NUMBER.</b>
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:

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.

**Section 5. Fire Fighting Measures**

<b>Hazard Type</b>	Non Flammable
<b>Hazards from combustion products</b>	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.
<b>Suitable Extinguishing media</b>	Fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder).
<b>Precautions for firefighters and special protective clothing</b>	Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.
<b>HAZCHEM CODE</b>	<b>2X</b>

**Section 6. Accidental Release Measures**

Wear protective equipment as detailed in Section 8. Clear area of any unprotected personnel. Adequate steps should be taken to prevent spillage reaching waterways and drains.

**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 label before use.
- 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 <sup>3</sup>	ppm	mg/m <sup>3</sup>
Phosphoric acid [7664-38-2]	-	1	-	-

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.

**Engineering Controls**

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

## Personal Protection Equipment

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

## Section 9 Physical and Chemical Properties

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

## Section 10. Stability and Reactivity

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

## Section 11 Toxicological Information

### Acute Effects:

<b>Swallowed</b>	May be harmful if swallowed. Mixture calculation: LD50 = 4036mg/kg
<b>Dermal</b>	Not applicable.
<b>Inhalation</b>	Not applicable.
<b>Eye</b>	Causes serious eye damage. Contamination of eyes can result in permanent injury.
<b>Skin</b>	Causes severe skin burns and eye damage.

### Chronic Effects:

<b>Carcinogenicity</b>	Not applicable.
<b>Reproductive Toxicity</b>	Not applicable.
<b>Germ Cell Mutagenicity</b>	Not applicable.

<b>Aspiration</b>	Not applicable.
<b>STOT/SE</b>	Not applicable.
<b>STOT/RE</b>	Not applicable.

## Section 12. Ecotoxicological Information

### New Zealand:

HSNO Classes: 9.3C = Harmful to terrestrial vertebrates.

<b>Persistence and degradability</b>	No data available
<b>Bioaccumulation</b>	No data available
<b>Mobility in Soil</b>	No data available
<b>Other adverse effects</b>	No data available

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 a Dangerous Good for transport in NZ ; NZS 5433:2012 and Australian Dangerous Goods Code ADG7 and NOHSC:1008(2004)**

### Road and Rail Transport

UN No: 3265  
 Class-primary 8  
 Packing Group III  
 Proper Shipping Name: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.

### Air Transport

UN No: 3265  
 Class-primary 8  
 Packing Group III  
 Proper Shipping Name: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.

### Marine Transport

UN No: 3265  
 Class-primary 8  
 Packing Group III  
 Proper Shipping Name: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.

## Section 15 Regulatory Information

**This substance is hazardous according to:**

**Australia – This substance is hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals, 3rd Revised Edition**

**Poison Schedule:** Schedule 6

## **New Zealand - The HSNO (Minimum Degrees of Hazard) Regulations 2001**

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

HSNO Classification: 6.1E(oral), 8.2C, 8.3A, 9.3C

HSNO Controls:

Trigger quantities for this substance:

	<b>Trigger Quantity</b>
Approved Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	1000L (8.2C)
Emergency Response Plan	10000L (8.2C)
Stationery containment	10000L (8.2C)
Restriction of Use	None

### **Section 16 Other Information**

#### **Glossary**

EC50	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
LC50	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD50	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

1. HSNO Approved Code of Practice: Preparation of Safety Data Sheets, September 2006.
2. Safework Australia: Preparation of SDS sheets for hazardous chemicals(Code of Practice).

#### **Disclaimer**

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Please contact the Australian manufacturer, if further information is required.

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