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# Safety Data Sheet

## AP Prep Etch

### 1. Identification of Material and Supplier

Product Name: AP Prep Etch  
Product & Barcode Code: APPE1 (9415193000002)  
Other Names: 2-Hydroxy-1,2,3-propanetricarboxylic acid  
Recommended Use: AP Prep Etch concrete etch is a low hazard and environmentally safe concrete etch.  
Company: Agrippa Paints Ltd  
Address: PO Box 16017, Hornby, Christchurch 8042  
**Emergency Telephone:** (03) 344 0260 ask for Technical Manager  
Telephone/Fax number: Tel: (03) 344 0260 Fax: (03) 349 8732  
New Zealand National Poison Centre: 0800 POISON (0800 764 766)

### 2. Hazards Identification

Signal Word: DANGER  
Hazard Classification: Serious eye damage category 1  
Pictogram:



Hazard Statements: H318 Causes serious eye damage  
Prevention: P280 Wear eye / face protection.  
Response: P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue Rinsing.  
P310 Immediately call a POISON CENTER or doctor/physician.

### 3. Composition/information of Ingredients

Ingredients:	CAS Number	Proportion	WES (TLV)
2-Hydroxy-1,2,3-propanetricarboxylic acid	77-92-9	100%	8hr TWA 10 mg/m <sup>3</sup>

### 4. First Aid Measures

Inhalation: Remove victim from area of exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. If patient finds breathing difficult and develops a bluish discolouration of the skin (which suggests a lack of oxygen in the blood - cyanosis), ensure airways are clear of any obstruction and have a qualified person give oxygen through a face mask. Apply artificial respiration if patient is not breathing. Seek immediate medical advice.

Ingestion: Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water. Seek medical advice.

Skin:	If skin or hair contact occurs, immediately remove any contaminated clothing and wash skin and hair thoroughly with running water and soap. If swelling, redness, blistering or irritation occurs seek medical assistance.
Eye:	Immediately wash in and around the eye area with large amounts of water for at least 15 minutes. Eyelids to be held apart. Remove clothing if contaminated and wash skin. Urgently seek medical assistance. Transport promptly to hospital or medical centre.
Advise to doctor:	Treat symptomatically. Can cause corneal burns.

### 5. Fire Fighting Measures

Extinguishing media:	Use CO <sub>2</sub> , dry chemical powder or fine water spray to extinguish fire.
Specific Hazards:	Combustible solid.
Special protective equipment:	Wear full protective clothing and self contained breathing apparatus. Use equipment/media appropriate to surrounding fire conditions.
Decomposition Products:	Fumes, smoke, carbon dioxide, carbon monoxide and combustible gases may be generated.
Flammable limits:	In air (%vol) LEL: NA UEL: NA
Hazchem code:	NA

### 6. Accidental Release Measure

Emergency Procedures:	Clear area of all unprotected personnel. Shut off all possible sources of ignition.
Environmental Precautions:	If contamination of sewers or waterways has occurred advise local emergency services.
Personal precautions, Protective equipment, Methods and materials for containment and cleaning up:	Neutralise residues with lime or soda ash. Wear protective equipment to prevent skin and eye contact and breathing in dust. Work up wind or increase ventilation. Cover with damp absorbent (inert material, sand or soil). Sweep or vacuum up, but avoid generating dust. Collect and seal in properly labelled containers or drums for disposal. Wash area down with excess water.

### 7. Handling and Storage

Precautions for safe handling:	Avoid skin and eye contact and breathing in dust. In common with many organic chemicals, may form flammable dust clouds in air. For precautions necessary refer to Safety Data Sheet "Dust Explosion Hazards". Take precautionary measures against static discharges.
Conditions for safe storage:	Store in a cool, dry, well ventilated place. Store below 30°C. Protect from moisture. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for spills.

### 8. Exposure Controls/Personal Protection

National Exposure standards:	No value assigned for this specific material by the New Zealand Workplace Health & Safety Authority. However, Workplace Exposure Standard(s) for particulates: Particulates not otherwise classified: 8hr WES-TWA 10 mg/m <sup>3</sup> (inhalable dust) or 3 mg/m <sup>3</sup> (respirable dust) As published by the New Zealand Workplace Health & Safety Authority. WES - TWA (Workplace Exposure Standard - Time Weighted Average) - The eight-hour, time-weighted average exposure standard is designed to protect the worker from the effects of long-term exposure. These Workplace Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These workplace exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.
Biological Limit Values:	No biological limit values available for this product.

Engineering Controls:	Ensure ventilation is adequate to maintain air concentrations below Workplace Exposure Standards. Keep containers closed when not in use. If in the handling and application of this material, safe exposure levels could be exceeded, the use of engineering controls such as local exhaust ventilation must be considered and the results documented. If achieving safe exposure levels does not require engineering controls, then a detailed and documented risk assessment using the relevant Personal Protective Equipment (PPE) (refer to PPE section below) as a basis must be carried out to determine the minimum PPE requirements.
Respiratory Protection:	Approved respiratory protective equipment with powdered wax must be worn in dusty conditions. Expert advise should be sort to find the right equipment for your individual circumstances. Reference should be made to AS/NZS 1715 Use and Maintenance of Respiratory Protective Devises; and AS/NZS 1716 Respiratory Protective Devises.
Eye Protection:	Safety glasses or goggles as appropriate in dusty conditions. Expert advise should be sort to find the right equipment for your individual circumstances. Eye Protection should conform with AS/NZS 1337 Eye Protectors for Industrial Applications.
Hand Protection:	Impervious gloves required.
Body Protection:	Wear appropriate protective clothing including covering arms and legs to reduce contact with skin. Remove immediately if they become contaminated. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

## 9. Physical and Chemical Properties

Appearance:	Powder
Colour:	Colourless to White
Odour:	Odourless
Density:	1.665
Solubility in Water (g/l):	600g/L @ 20°C
pH	1.5-2.5 in 5% solution
Melting Point:	156°C
Boiling Point:	310°C
Flash Point:	156°C
Autoignition Temperature	345°C
Explosive Limits:	8%

## 10. Stability and Reactivity

Chemical Stability:	Stable.
Conditions to Avoid:	Avoid dust generation. Avoid exposure to moisture. Avoid exposure to heat, sources of ignition, and open flame. Avoid exposure to direct sunlight.
Incompatible Materials:	Oxidising agents, alkalis, carbon steel, moisture.
Hazardous Decomposition Products:	Carbon dioxide, carbon monoxide and combustable gases may be generated.
Hazardous Polymerization:	Will not occur.

## 11. Toxicological Data

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Inhalation -	Breathing in dust will result in respiratory irritation.
Ingestion -	No adverse effects expected, however, large amounts may cause nausea and vomiting. Swallowing may result in irritation to the mouth and throat. Frequent or large oral doses can cause tooth erosion.
Skin -	Contact with skin will result in irritation.
Eye -	A severe eye irritant. Contamination of eyes can result in permanent injury.
Chronic Effects -	None known.
Genetic Toxicology:	None known.
Reproductive Toxicology:	None known.
Acute Toxicity:	Oral LD50 (rat): 3000 mg/kg

## 12. Ecological Information

Ecotoxicity:	Avoid contaminating waterways.
Persistence and degradability:	The material is readily biodegradable.

## 13. Disposal Considerations

Waste Disposal:	Follow Local Government regulations for disposal of the waste. Avoid discharge into stormwater drains, sewers and waterways, contact the Local authorities if this occurs.
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## 14. Transport Information

Transport information New Zealand:	No special precaution necessary other than to ensure good packaging practices are followed to ensure if damaged does occur, no contamination of other products occur.
UN Number:	NA
Proper Shipping Name:	NA
DG Class:	NA
Hazchem Code:	NA
Packing Group:	NA

## 15. Regulatory Information

Hazard Classifications New Zealand: Hazard Classes	Classified as hazardous according to criteria in the HS (Minimum Degrees of Serious eye damage category 1
Hazard Statements	H318 Causes serious eye damage.
HSNO Approval Number	HSR003138

## 16. Other Information

Revision Date:	SDS Reviewed August 2022
Legend to abbreviations and Acronyms:	NA = Not Applicable C = Celcuis
Literature References:	No data available
Sources for Data:	No data available

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