

AUAV00118 Dulux Avista Hydrochloric Acid

Introduction

Product Code

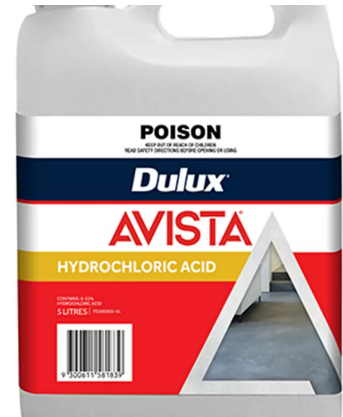
FD200500-1L

FD200500-5L

FD200500-20L

Product Overview and Image

Avista Hydrochloric Acid is a colourless corrosive acid containing 32-33% Hydrochloric Acid.



Features and Benefits

- Soluble in water

Uses

For acid etching of concrete surfaces prior to the application of Dulux Avista decorative coatings and repair mortars.

Typical Properties

Application Methods

Watering Can

Typical Property Notes

Colour: clear, slightly yellow liquid

Odour: Pungent acid odour

Solubility: Soluble in water

Density @ 20degreesC: 1.05-1.15

Relative Vapour Density: >1

Boiling Point: Approx 98degrees

pH: <1

Storage: Store in a corrosive resistant container with a resistant inner liner. Store in a well-ventilated place away from oxidizing agents, acids and foodstuffs.

Product Properties

Hydrochloric Acid

32-33%

Application Guide

Application Procedure and Equipment

- For acid etching concrete surfaces, the hydrochloric acid must be diluted with water. The ratio will vary depending on the surface texture and condition. The general ratio is 20 parts water to 1 part acid but for smooth concrete (such as garage or warehouse floors) a higher acid content is required -maximum strength - 10 parts water to 1 part acid. NOTE: Always add acid to the water (never add water to acid) to avoid potential exotherm (heat) generation which can result in boiling and subsequent splashing of the acid.
- Apply diluted acid to surface using a large head plastic watering can, applying in a crisscross motion (approximately 5-10m² sections). Acid will start to fizz on the surface once it starts to react with the laitence in the concrete. Pressure clean immediately to clean and remove all remnants of acid (do not allow acid to dry on surface). Pressure clean at minimum 2000 psi. Allow surface to dry completely before applying any coating.

Health and Safety

SDS Number
PAR000359

SDS Link
[View SDS Link](#)

Please refer to SDS Link. In case of emergency, please call 1800 220 770.

Precautions and Limitations

Keep out of reach of children and when using wear gloves, goggles and protective clothing.
Appropriate PPE must be worn.

Disclaimer

This Data Sheet is copyright to DuluxGroup (Australia) Pty Ltd and/or DuluxGroup (New Zealand) Pty Ltd (collectively, 'Dulux'). It may not be varied or altered without the prior written consent of Dulux, and if it is, Dulux has no responsibility or liability for those variations.

Unless Dulux has provided you with a customised, project-specific specification, this Data Sheet does not represent that any particular product or product system will be suitable for your project.

Any information provided in this Data Sheet is given in good faith and is believed by Dulux to be correct at the time of publication. Products and coating systems can be expected to perform as indicated in this Data Sheet, provided the substrate is in good condition, the coatings are applied by a suitably experienced and skilled applicator, and the preparation, application and maintenance is followed strictly as set out in this Data Sheet, and as recommended on the applicable Safety Data Sheets for the relevant products, available from www.duspecplus.com.au. Climatic conditions at application time can affect product suitability and performance.

The correct colour or colour match is the responsibility of the applicator. Colours will change over time and Dulux does not guarantee that the same colour newly mixed will match a colour applied earlier which has been subjected to weathering or other change elements. No product colour is guaranteed against colour change.

Where any liability of Dulux in respect of this Data Sheet cannot by law be excluded, Dulux's liability is limited, as permitted by law and at Dulux's option, to resupply of the relevant products or services or to reimbursing the cost of those products or services.

WHERE LEAD MAY BE PRESENT: The asset manager is responsible for verifying the presence of lead and determining whether to remove or encapsulate the lead. If lead is present, the work must be done in strict accordance with AS 4361 Parts 1 and 2 and Worksafe Australia guidelines.