

# *MSDS - Concrete Etch & Clean Neutralising Solution*

## Identification of the substance / preparation / company:

Product is Concrete Etch & Clean Neutralising Solution

Company: Concrete Lab Ltd, C3 Station Approach Industrial Estate, Penarth, CF64 3EE

[www.concretelab.co.uk](http://www.concretelab.co.uk) 0845 053 7124

## Hazards Identification

H314 Causes skin irritation. H318 Causes serious eye damage. H335 May cause respiratory irritation.

H412 Chronic Aquatic toxicity

## Ingredients

Ammonium Hydroxide CAS-No 1336-21-6 EC-No 215-647-6 Weight 10-15%

Water CAS-No 7732-18-5 EC-No. 231-791-2 Weight 85-90%

## Medical Advice

Inhalation: If irritation occurs, move the patient to fresh air and give oxygen if possible. Seek medical advice immediately.

Skin: If skin contact occurs, immediately wash the affected area with soap and water for at least 15 minutes. Remove affected clothing. If irritation, soreness or other skin problems occur, seek medical advice.

Eyes: In the event of eye contact, irrigate the eyes quickly and thoroughly with plenty of clean water for at least 15 minutes. Keep eye open whilst rinsing and rinse under eyelids. Seek medical advice without delay.

Ingestion: If swallowed, do not induce vomiting, but rinse out the mouth. Seek medical advice immediately.

## Fire Safety

Concrete Lab Etch&Clean Neutralising Solution is flammable.

Suitable extinguishing media - CO<sub>2</sub>, dry chemical, dry sand, alcohol-resistant foam. Note: Thermal decomposition can lead to release of irritating gases and vapours. Do not allow run-off from fire-fighting to enter drains or water courses.

## Accidental Release

Wear protective clothing for skin and eyes - see below. Do not discharge into drains or ground. Spillages or uncontrolled discharge into water course should be notified to Environmental authorities. For cleaning up. Absorb in dry sand or earth or other insert absorbent material and place into closed containers.

## Handling and Storage.

Wear protective clothing and avoid spillage at all times. Product should not be handled without gloves and goggles. Consider protective apron and boots. Nitrile rubber gloves recommended. Do not handle in confined unventilated spaces without respiratory protection e.g mask.

Store in a cool, dry, dark place, well ventilated and store only in original container. Ideally keep in area marked for corrosives.

Exposure Controls:

Not relevant. Considered safe for household use.

Physical Properties

Appearance: Cloudy colourless liquid with strong ammonia odour  
pH concentrated solution - 10. Solubility: Soluble in water  
Relative density Not available Flash point: Not applicable  
Flammability: Not applicable Explosive limits: Not applicable

Stability / Reactivity

Stability: Stable.

Materials and conditions to avoid: Will not occur. Avoid excessive heat. Avoid strong oxidising agents, strong acids, halogens, heavy metals.

Toxicology

Inhalation: Can cause irritation of mucous membranes and respiratory tract.

Skin: Contact with the skin will cause irritation.

Eyes: Can cause irritation and inflammation to the eyes. In severe cases, there is a risk of serious damage.

Ingestion: May cause irritation of the mouth, throat and gastrointestinal tract. LD50 Oral - rat 350 mg/kg

Environment

Toxic to aquatic life in high concentrations.

Disposal:

Dispose of as controlled waste, and to local authority regulations.

Transportation:

Not dangerous goods

Regulatory Classification:

Classification for supply: Irritant

Risk phases: Irritant to skin. Risk of serious damage to eyes.

Safety phases: Wear suitable clothing to protect skin and eyes. In case of contact with the eyes, rinse immediately with water and seek medical advice.

Keep out of the reach of children.

Further information:

Contact the Concrete Lab Technical Department for further information.

[info@concretelab.co.uk](mailto:info@concretelab.co.uk) 0845 053 7124

**Disclaimer**

The physical properties quoted are typical, and should not be taken as a specification. The information supplied in our literature is based on data and experience and is given in good faith. Our policy is one of continuous research and development and we reserve the right to update this information at any time; customers should therefore ensure they have the latest issue. Whilst we guarantee the consistent high quality of our products, we have no control over the circumstances in which our materials are used, site conditions or the execution of the work and are therefore unable to accept any liability for any loss or damage which may arise as a result thereof. Materials are supplied in accordance with our standard conditions of sale.