



MODERNWATER

# MSDS

Material Safety Data Sheet

Document No.: MSDS088  
Version No.: 01  
Effective Date: 15 Aug 2014

## Electrode Polishing Solution

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### 1. Identification of the substance or preparation and the company/undertaking

Product Name: Electrode Polishing Solution, Electrode Polishing Kit

Product number: UNI-190-023

company: Modern Water Monitoring Ltd  
Unit 15 - 17, Cambridge Science Park  
Cambridge, CB4 0FQ  
UK

Telephone: +44 (0) 1483 696000

Email: [info@modernwater.co.uk](mailto:info@modernwater.co.uk)

### 2. Composition/information on ingredients

Product name: Aluminium Oxide Slurry

CAS number: none

EC number: none

<u>Hazardous Ingredients</u>	<u>Proportion</u>	<u>CAS-No</u>	<u>EC-No</u>
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None

### 3. Hazards identification

Not Hazardous

### 4. First aid measures

If swallowed: Wash out mouth thoroughly providing person is conscious. Do not induce vomiting. Seek medical advice.

After eye contact: Irrigate thoroughly with water for at least 15 minutes. If discomfort persists obtain medical attention.

After skin contact: Wash skin with water and mild soap. Seek medical advice if irritation persists.

If inhaled: Remove individual from contaminated air, rest and keep warm. If breathing is difficult give oxygen and seek medical assistance.

### 5. Fire-fighting measures

Not combustible.

Use carbon dioxide, water spray, dry powder or foam to control fire situation if compatible with other chemical products in the vicinity.

Material may have an exothermic reaction above 200°C with hydrocarbon vapours and may produce a toxic hydrochloric acid and phosgene.

### 6. Accidental release measures

Wear protective clothing when dealing with spills. Absorb spills with sand or vermiculite. Dispose of in accordance with local regulations.

### 7. Handling and storage

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Handling: Do not get in eyes, on skin or clothing. Change contaminated clothing. Wash hands after working with substance.

Storage: Store sealed in original container in a cool well ventilated situation away from foods and other chemicals. Do not store in direct sunlight. Observe good hygiene and housekeeping practices.

### 8. Exposure controls and personal protection

Engineering Controls:

Always use this product with good general ventilation (10-15 changes of air in the room per hour) or preferably in a chemical fume hood. Maintain atmospheric concentrations as low as possible.

Personal Protection:

Avoid all skin and eye contact. Wear protective clothing including safety glasses and rubber or PVC gloves.

### 9. Physical and chemical properties

Appearance:	White slurry
Boiling point (°C):	Not determined
Vapour pressure (mmHg at 20°C):	Not determined
Specific Gravity (g/mL):	Not determined
Flash Point (°C):	Not flammable
Flammability limits (%):	Not flammable
Solubility in water (g/L):	Not determined

Other Properties: pH approx. 8.5

### 10. Stability and reactivity

Material may have an exothermic reaction above 200°C with hydrocarbon vapours and may produce a toxic hydrochloric acid and phosgene.

### 11. Toxicological information

After ingestion: May cause irritation of the mouth, throat, oesophagus and gastrointestinal tract.

After skin contact: May cause irritation.

After eye contact: May cause irritation.

After inhalation: May cause irritation.

### 12. Ecological information

Do not allow to enter drinking water supplies.

### 13. Disposal considerations

Contact a licensed professional waste disposal service to dispose of this material. Observe local and national environmental regulations.

### 14. Transport information

Non – Hazardous for air, road and sea transport.

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### 15. Regulatory information

Not classified as dangerous according to EC directives.

### 16. Other information

None

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