

OVA Nickel Electrolyte Buffer

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

Product Name: OVA Nickel Electrolyte Buffer

Product number: R-100-010AMB-01

company: Cogent Environmental Ltd
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2. Composition/information on ingredients

Product name: Ammonium Buffer for Nickel

CAS number: none

EC number: none

<u>Hazardous Ingredients</u>	<u>Proportion</u>	<u>CAS-No</u>	<u>EC-No</u>
Ammonium hydroxide	<5%	1336-21-6	215-647-6

Symbol: C-N

R-phrases: R34-50

Causes burns. Very Toxic to aquatic organisms.

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: Remove contaminated clothing. Wash skin thoroughly with water and mild soap. Seek medical advice if irritation persists. Launder clothing before reuse.

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

Non combustible.

Fire fighters should wear self contained breathing apparatus if exposure to fumes is likely. Use carbon dioxide, foam or dry chemical to control fire situation if compatible with other chemical products in the vicinity.

6. Accidental release measures

Wear protective clothing when dealing with spills. Absorb spills with dry lime or soda ash. Dispose of in accordance with local regulations. Ventilate area.

OVA Nickel Electrolyte Buffer**7. Handling and storage**

Handling: Do not breathe vapour. 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 is preferable). 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:	Clear Colourless liquid
Boiling point (°C):	100 (approx)
Vapour pressure (mmHg at 20°C):	25 (approx)
Specific Gravity (g/mL):	1.0
Flash Point (°C):	Not flammable
Flammability limits (%):	Not flammable
Solubility in water (g/L):	Completely miscible

10. Stability and reactivity

Substances to be avoided: Copper, copper alloys, galvanised iron, zinc.

11. Toxicological information

After ingestion: harmful if swallowed.

After skin contact: May cause burns.

After eye contact: May cause burns.

After inhalation of vapours: May be harmful if inhaled, possible damage to the mucous membranes and upper respiratory tract.

12. Ecological information

Biological degradable.

13. Disposal considerations

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

14. Transport information

This product contains less than 5% of the following ingredient in non-liquid form.

AMMONIA SOLUTION, C (corrosive)

UN no: 2672, Class 8

Non – hazardous for air, road or sea transport.



MSDS

Material Safety Data Sheet

Document No.: MSDS049
Version No.: 01
Effective Date: 19 Jan 2009

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15. Regulatory information

Not classified as dangerous according to EC directives.

16. Other information

None

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