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AMMONIUM CHLORIDE 10% SOLUTION				

Section 1 – Chemical Product and Company Identification

1.1. Product identifier:

Ammonium chloride 10% solution.

1.2. Relevant identified uses of the substance or mixture and uses advised against:

To be used as a sample preservative for analytical testing.

1.3. Details of the supplier of the safety data sheet:



ALS Laboratories (UK) Limited

Torrington Avenue,
Coventry, CV4 9GU

1.4. Emergency telephone number

T: +44 (0)24 7642 1213

F: +44 (0)24 7685 6575

Section 2 – Hazards Identification

2.1. Classification of the substance or mixture

Acute toxicity, Oral (Category 4), H302

Eye irritation (Category 2), H319

2.2. Label elements

Pictograms



Signal word: None.

Hazard statement(s)

H302 Harmful if swallowed.

H319 Causes serious eye irritation.

Precautionary statement(s)

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P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Supplemental Hazard Statements:
None.

Reduced labelling for packages where contents do not exceed 125ml.

Pictograms



Signal word: None.

2.3. Other hazards - None.

Section 3 – Composition, Information on Ingredients

3.2. Mixtures

Component	Hazards	Concentration
Ammonium chloride	H302, H319.	10%
Water	None.	90%

Section 4 – First Aid Measures

4.1. Description of first aid measures

Call a doctor; seek medical attention for further treatment, observation and support after first aid.
Inhalation: Remove to fresh air at once. If breathing has stopped give artificial respiration immediately.

Eye: Immediately flush with water for 15 minutes.

External: Wash continuously with water for 15 minutes.

Internal: Give large quantities of water. Call a doctor at once.

4.2. Most important symptoms and effects, both acute and delayed:

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

4.3. Indication of any immediate medical attention and special treatment needed

No data available.

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Section 5 – Fire Fighting Measures

- 5.1. Extinguishing media: Use dry chemical fire extinguisher.
- 5.2. Special hazards arising from the substance or mixture: No data available.
- 5.3. Advice for firefighters: Non-flammable, non-combustible liquid.

Section 6 – Accidental Release Measures

- 6.1. Personal precautions, protective equipment and emergency procedures: Protect skin and eyes from spillages.
- 6.2. Environmental precautions: No special measures necessary.
- 6.3. Methods and materials for cleaning up: Use a suitable absorbent. Dispose of non-hazardous waste in sealed bag or container.
- 6.4. Reference to other sections. See suitable PPE in section 8.

Section 7 – Handling and Storage

- 7.1 Precautions for safe handling
Avoid inhalation of vapour or mist. Avoid contact with eyes, skin and clothing. Wear chemical splash goggles, chemical-resistant gloves.
For precautions see section 2.2.
- 7.2 Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in cool place.
- 7.3 Specific end use(s)
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

Section 8 – Exposure Controls, Personal Protection

- 8.1. Control parameters: This substance has no WEL under EH40.
- 8.2. Exposure control: Wash hands thoroughly after handling material and before eating or drinking.

Section 9 – Physical and Chemical Properties

- 9.1. Information on basic physical and chemical properties
Clear, colourless, odourless liquid.
- 9.2. Other information

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Section 10 – Stability and Reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

Stable under normal temperatures and pressures.

10.3. Possibility of hazardous reactions

Hazardous Polymerization: Has not been reported.

10.4. Conditions to avoid

Heat, decomposes when heated.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

No data available.

Section 11 – Toxicological Information

11.1. Information on toxicological effects:

ORL-RAT LD50: 1650 mg/kg as Ammonium Chloride

IHL-RAT LC50: N.A.

SKN-RBT LD50: N.A.

Section 12 – Ecological Information

12.1. Toxicity: No data available.

12.2. Persistence and degradability: No data available.

12.3. Bioaccumulative potential: No data available.

12.4. Mobility in soil: No data available.

12.5. Results of PBT and vPvB assessment: No data available.

12.6. Other adverse effects: No data available.

Section 13 – Disposal Considerations

13.1. Waste treatment methods

Reuse or reprocess if possible. Do not dump into any sewers, on the ground, or into any body of water. Any disposal practice must be in compliance with regulations (contact environmental agency for specific rules). Waste characterisation and compliance with applicable laws are the responsibility of the waste generator.

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Section 14 – Transport Information

- 14.1. UN number: Not regulated.
- 14.2. UN proper shipping name: Not regulated.
- 14.3. Transport hazard class(es): Not regulated.
- 14.4. Packing group: Not regulated.
- 14.5. Environmental hazards: Not regulated.
- 14.6. Special precautions for user: Not regulated.

Section 15 – Regulatory Information

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:
CDG (Carriage of Dangerous Goods) Regulations
CLP (Chemicals, Labelling and Packaging) Regulations.
CoSHH (Control of Substances Hazardous to Health) regulations
Hazardous Waste Regulations
PPE Regulations
Workplace Exposure Limits EH40
- 15.2. Chemical safety assessment: For this product a chemical safety assessment was not carried out.

Section 16 – Other Information

- 16.1 Other information:
Written by Paul Talbot.
- 16.2 Date of the latest revision of the SDS:
See document header.