



SAFETY DATA SHEET

AMMONIUM CHLORIDE MIXTURE

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY:

PRODUCT NAME: AMMONIUM CHLORIDE MIXTURE

PART No.: M014

APPLICATIONS: Licenced Medicinal Product.

SUPPLIER: J M Loveridge plc
Southbrook Road, Southampton
Hampshire
SO15 1BH
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2. COMPOSITION/INFORMATION ON INGREDIENTS:

NAME			CONTENT
CAS No.:	EINECS Nr.:	CLASSIFICATION	
ETHANOL			1-5 %
64-17-5	200-578-6	F R-11	
AMMONIUM CHLORIDE			5-10 %
12125-02-9	235-186-4	Xn R-22, 36	
AMMONIA SOLUTION STRONG			0-1 %
1336-21-6	215-647-6	C ,N R-34, 50	

The Full Text for all R-Phrases are Displayed in Section 16

COMPOSITION COMMENTS: Preparation containing: Ammonium hydroxide @ 0.27%.

3. HAZARDS IDENTIFICATION:

Not regarded as a health or environmental hazard under current legislation.

No hazard anticipated provided product is used for purpose intended.

4. FIRST AID MEASURES:

GENERAL: IN ALL CASES OF DOUBT OR WHEN SYMPTOMS PERSIST, ALWAYS SEEK MEDICAL ATTENTION

INGESTION: Only when conscious, rinse mouth with plenty of water and give plenty of water to

drink - (approx 500ml). DO NOT INDUCE VOMITING. In case of spontaneous vomiting, be sure that vomit can freely drain because of danger of suffocation. Obtain medical attention if adverse symptoms occur.

SKIN: Wash affected area with plenty of soap and water.

EYES: Rinse immediately with copious amounts of water. If irritation or discomfort persists, seek medical attention.

5. FIRE FIGHTING MEASURES:

EXTINGUISHING MEDIA: Use extinguishing media suitable against surrounding fire or the cause of fire.

HAZARDOUS COMBUSTION PRODUCTS: Burning may release oxides of carbon and other hazardous gases or vapours.

6. ACCIDENTAL RELEASE MEASURES:

PRECAUTIONS TO PROTECT ENVIRONMENT: Prevent contamination of soil, drains and surface water.

SPILL CLEANUP METHODS: Take-up spillage with absorbent, inert material and place in a suitable and closable labelled container for recovery or disposal. Wash the area clean with water and detergent, observing environmental requirements.

7. HANDLING AND STORAGE:

STORAGE PRECAUTIONS: Store in a cool, dry, well ventilated place, in securely closed original container. Store below 25°C.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

INGREDIENT NAME:	CAS No.:	STD	LT EXP 8 Hrs	ST EXP 15 Min
AMMONIA SOLUTION STRONG	1336-21-6	OES	35 ppm	25 ppm
ETHANOL	64-17-5	OES	1000 ppm	No std.
AMMONIUM CHLORIDE	12125-02-9	OES	10 mg/m3	20 mg/m3

PROTECTIVE GLOVES: Use impervious gloves.

EYE PROTECTION: Use eye protection if eye contact is likely.

HYGIENIC WORK PRACTICES: SKIN PROTECTION - apply barrier cream to hands and exposed skin.
Apply good personal hygiene principles, such as washing of hands, arms and face.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE: Brown liquid with characteristic liquorice odour..

DENSITY/SPECIFIC GRAVITY (g/ml): 1.04 **Temperature (°C):**

10. STABILITY AND REACTIVITY:

STABILITY:	Stable under normal conditions of use.
CONDITIONS TO AVOID:	Avoid excessive heat.
HAZARDOUS DECOMP. PRODUCTS:	Thermal decomposition or burning may release oxides of carbon and other hazardous gases or vapours.

11. TOXICOLOGICAL INFORMATION:

HEALTH HAZARDS, GENERAL:	Used as oral medicine. Large overdose will cause will cause adverse symptoms.
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12. ECOLOGICAL INFORMATION:

ECOLOGICAL INFORMATION:	No specific information available, but material is expected to have adverse effect on the environment.
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13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHODS:	Disposal should be in accordance with the principles of Duty of Care observing local and national regulations.
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14. TRANSPORT INFORMATION:

GENERAL:	Not classified as hazardous for transport.
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15. REGULATORY INFORMATION:

NC Not classified

UK REGULATORY REFERENCES:	Chemicals (Hazard Information & Packaging) Regulations 1993. Classification, Packaging and Labelling Regulations 1984. This product is not classed as dangerous substance under the classification, packaging and labelling of dangerous substances regulations.
COMMENTS:	This product is a licenced medicine and as such is exempt from CHIP Regulations and classification for supply. This Safety Data Sheet provides basic safety data on non-clinical aspects of the product.

16. OTHER INFORMATION:

INFORMATION SOURCES:	This product has been classified in accordance with CHIP3 regulations.
REVISION COMMENTS:	Edition 01; Revised item(s):

ISSUED BY: MK

SDS No.: M011

DATE: 12/07/02

DISCLAIMER: The foregoing data has been compiled for safety information only and does not form part of any selling specification. Information contained in this Data Sheet is to the best of JMLs knowledge correct at the time of publication. Customers should always satisfy themselves, that the product which they have selected is entirely suitable for their purpose under their conditions of use and in compliance with current regulations. For any further information, please contact the supplier.

R-PHRASES (Full Text): R-34 Causes burns. R-50 Very toxic to aquatic organisms. R-11 Highly flammable. R-22 Harmful if swallowed. R-36 Irritating to eyes.