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ReAgent

AMMONIA STANDARD 0.4ppm MSDS

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME AMMONIA STANDARD
 SUPPLIER Reagent Chemical Services
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 PRODUCT NO. 194525

2 HAZARDS IDENTIFICATION

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

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
AMMONIUM CHLORIDE	235-186-4	12125-02-9	< 1	Xn;R22 Xi;R36

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

4 FIRST-AID MEASURES

GENERAL INFORMATION

Due to the very dilute nature of this product it is not expected to be harmful.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

The product is non-combustible. Use fire-extinguishing media appropriate for surrounding materials.

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS

Non-hazardous substance, flush to drain with plenty of water.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

No specific usage precautions noted.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
AMMONIUM CHLORIDE	OES		10 mg/m3		20 mg/m3	

ENGINEERING MEASURES

Provide adequate ventilation.

HAND PROTECTION

Wear protective gloves as general laboratory practice

AMMONIA STANDARD 25mg/L NH3**EYE PROTECTION**

Wear approved tight fitting safety glasses as standard laboratory practice.

HYGIENE MEASURES

No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	Colourless		
ODOUR	Odourless		
SOLUBILITY	Miscible with water		
BOILING POINT (°C)	Approx. 100 760 mm Hg	MELTING POINT (°C)	Approx. 0
RELATIVE DENSITY	Approx. 1.0 20		

10 STABILITY AND REACTIVITY**STABILITY**

Stable.

11 TOXICOLOGICAL INFORMATION**HEALTH WARNINGS**

Although not classified as hazardous, the product should be treated with the care and attention appropriate to chemicals.

12 ECOLOGICAL INFORMATION**ECOTOXICITY**

The product is not expected to be hazardous to the environment.

13 DISPOSAL CONSIDERATIONS**DISPOSAL METHODS**

Non-hazardous material, flush to drain with water.

14 TRANSPORT INFORMATION

GENERAL	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).	
	No transport warning sign required.	
MARINE POLLUTANT	No.	

15 REGULATORY INFORMATION**RISK PHRASES**

NC Not classified.

SAFETY PHRASES

NC Not classified.

16 OTHER INFORMATION**GENERAL INFORMATION**

Under REACH Material Safety Datasheets (MSDS) are referred to as Safety Datasheets (SDS).

REVISION COMMENTS

This is first issue.

REVISION DATE 07/12/2006

REV. NO./REPL. SDS GENERATED 1

SDS NO. 11006

SAFETY DATA SHEET STATUS

Approved.

RISK PHRASES IN FULL

R22 Harmful if swallowed.

R36 Irritating to eyes.