

SAFETY DATA SHEET
Ammonium Hydroxide Concentrate (1N)
Date of issue - 17/08/2009. R21195

Section 1. Chemical Product and Company Identification

Product No. R21195
Trade name Ammonium Hydroxide Concentrate (1N)
Manufacturer Oxoid Limited
Wade Road
Basingstoke
Hants RG24 8PW
ENGLAND
Tel: + 44 (0)1256 841144
Fax: + 44 (0)1256 463388
Supplier Oxoid Limited
Wade Road
Basingstoke
Hants RG24 8PW
ENGLAND
Tel: + 44 (0)1256 841144
Fax: + 44 (0)1256 463388

Section 2. Hazards Identification

Most Important Hazards Not classified as hazardous.

Section 3. Composition, Information on Ingredients

Preparation - Hazardous ingredients (Europe)

Component	CAS No.	Concentration	Classification	Risk Phrases
Ammonium Hydroxide	1336-21-6 215-647-6	3.50% w/v	C - Corrosive. N - Dangerous to the Environment.	R34- Causes burns. R50- Very toxic to aquatic organisms.

Section 4. First Aid Measures

First Aid - Eyes Check for and remove any contact lenses. In case of contact, immediately flush eyes with a copious amount of water for at least 15 minutes. Obtain medical attention.

First Aid - Skin In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Obtain medical attention.

First Aid - Ingestion Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

First Aid - Inhalation If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Obtain medical attention.

Section 5. Fire Fighting Measures

Extinguishing Media - Suitable SMALL FIRE: Use DRY chemical powder.
LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

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Section 6. Accidental Release Measures

Personal Precautions

Safety glasses or chemical goggles to EN166, 167 and 168.
Impervious gloves.

Spill

Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Section 7. Handling and Storage

Storage

Store in a refrigerator at 2 to 8 ° C (36 to 46° F).

Section 8. Exposure Controls, Personal Protection

Engineering measures

Good general ventilation should be sufficient to control airborne levels.

Protective Measures - Respiratory

Wear appropriate respirator when ventilation is inadequate.

Protective Measures - Hands

Impervious gloves.

Protective Measures - Eyes

Safety glasses or chemical goggles to EN166, 167 and 168.

Section 9. Physical and Chemical Properties

Physical state

Liquid.

Colour

Colourless.

Section 10. Stability and Reactivity

Stability

Stable under recommended storage and handling conditions (see section 7).

Materials to avoid

Acids, acrolein, dimethyl sulphate, halogens, silver nitrate, propylene oxide, nitromethane, silver oxides, silver permanganate, oleum beta-propiolactone.

Hazardous decomposition products

Ammonia. nitrogen oxides (NO, NO2...)

Section 11. Toxicological Information

Acute toxicity

Not classified as hazardous.

Section 12. Ecological Information

Ecotoxicity

Non-hazardous to aquatic species.

Section 13. Disposal Considerations

Disposal considerations

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Dispose of down sink with plenty of running water.

Section 14. Transport Information

UN : UN number

Not classified.

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Section 15. Regulatory Information

Risk Phrases

Not classified as hazardous.

Section 16. Other Information

MSDS first issued

11/04/2006

MSDS data revised

17/08/2009

Revisions Highlighted

Date of issue

Notes

Classification and labelling have been performed according to EU directives 67/548/EEC, 1999/45/EC, including amendments and the intended use.