

Ammonium Hydroxide, 3M

SECTION 1 : Identification of the substance/mixture and of the supplier

Product name : Ammonium Hydroxide, 3M

Manufacturer/Supplier Trade name:

Manufacturer/Supplier Article number: S25844

Recommended uses of the product and uses restrictions on use:

Manufacturer Details:

AquaPhoenix Scientific
9 Barnhart Drive, Hanover, PA 17331

Supplier Details:

Fisher Science Education
15 Jet View Drive, Rochester, NY 14624

Emergency telephone number:

Fisher Science Education Emergency Telephone No.: 800-535-5053

SECTION 2 : Hazards identification

Classification of the substance or mixture:



Environmentally Damaging
Acute hazards to the aquatic environment, category 1



Corrosive
Serious eye damage, category 1
Acute toxicity (oral, dermal, inhalation), category 1

Eye Damage. 1

Aquatic AcTox. 1

AcTox Oral. 4

Skin Corr. 1

Signal word :Danger

Hazard statements:

Causes severe skin burns and eye damage

Harmful if swallowed

Very toxic to aquatic life

Precautionary statements:

Wash E thoroughly after handling

Avoid release to the environment

Wear protective gloves/protective clothing/eye protection/face protection

Do not eat, drink or smoke when using this product

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Immediately call a POISON CENTER or doctor/physician

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do.

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Continue rinsing
Wash contaminated clothing before reuse

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SECTION 5 : Firefighting measures

Extinguishing media

Suitable extinguishing agents:

For safety reasons unsuitable extinguishing agents:

Special hazards arising from the substance or mixture:

Advice for firefighters:

Protective equipment:

Additional information (precautions):

SECTION 6 : Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Environmental precautions:

Methods and material for containment and cleaning up:

Soak up with inert absorbent material.

Reference to other sections:

SECTION 7 : Handling and storage

Precautions for safe handling:

Conditions for safe storage, including any incompatibilities:

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

SECTION 8 : Exposure controls/personal protection

Control Parameters: 1336-21-6, Ammonium Hydroxide, TWA 25.000000 ppm USA. ACGIH
1336-21-6, Ammonium Hydroxide , TWA 25.000000 ppm 18.000000
mg/m3 USA. NIOSH

Appropriate Engineering controls:

Respiratory protection:

Protection of skin:

Eye protection:

General hygienic measures:

SECTION 9 : Physical and chemical properties

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Flash point (closed cup):	Not Determined	Auto/Self-ignition temperature:	Not Determined
Evaporation rate:	Not Determined	Decomposition temperature:	Not Determined
Flammability (solid,gaseous):	Not Determined	Viscosity:	a. Kinematic:Not Determined b. Dynamic: Not Determined
Density: Not Determined			

SECTION 10 : Stability and reactivity

Reactivity:

Chemical stability:

Possible hazardous reactions:

Conditions to avoid:

Incompatible materials:Copper, Iron, Zinc

Hazardous decomposition products:Nitrogen oxides.

SECTION 11 : Toxicological information

Acute Toxicity: No additional information.	
Chronic Toxicity: No additional information.	
Corrosion Irritation: No additional information.	
Sensitization:	No additional information.
Single Target Organ (STOT):	No additional information.
Numerical Measures:	No additional information.
Carcinogenicity:	No additional information.
Mutagenicity:	No additional information.
Reproductive Toxicity:	No additional information.

SECTION 12 : Ecological information

Ecotoxicity Persistence and degradability:

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UN-Number

2672

UN proper shipping name

Ammonia solution

Transport hazz [] [] [] [] [] [] [] [] [] []

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SECTION 16 : Other information

GHS Full Text Phrases:

Abbreviations and acronyms:

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