



Univar  
3075 Highland Pkwy STE 200  
Downers Grove, IL 60515  
425-889-3400

## SAFETY DATA SHEET

### 1. Identification

Product identifier: AMMONIUM HYDROXIDE 10-35%

#### Other means of identification

Synonyms: Aqua Ammonia

SDS number: 000100000133

#### Recommended use and restriction on use

Recommended use: Not available.

Restrictions on use: Not known.

Emergency telephone number:For emergency assistance Involving chemicals

call CHEMTREC day or night at: 1-800-424-9300, CHEMTREC INTERNATIONAL Tel# 703-527-3887

### 2. Hazard(s) identification

#### Hazard classification

##### Health hazards

Acute toxicity (Oral) Category 4

Skin corrosion/irritation Category 1A

Serious eye damage/eye irritation Category 1

Environmental hazardsAcute hazards Category 3  
to the aquatic environment

#### Label elements

##### Hazard symbol



Version: 1.2  
Revision date: 05/29/2015



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<b>Signal word</b>	Danger
<b>Hazard statement</b>	Corrosive. Harmful if swallowed. Causes severe skin burns and eye damage. Harmful to aquatic life.
<b>Precautionary statement</b>	
<b>Prevention</b>	Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe dust or mists. Wear protective gloves/protective clothing/eye protection/face protection.
<b>Response</b>	IF INHALED: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF SWALLOWED: Call a POISON CENTER/doctor/ if you feel unwell. Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor. Specific treatment (see this label). Wash contaminated clothing before reuse.
<b>Storage</b>	Store in a closed container. Store in a well-ventilated place. Store locked up.
<b>Disposal</b>	Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

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Unsuitable extinguishing media: No data available.  
Specific hazards arising from the chemical: No data available.  
Special protective equipment and precautions for firefighters  
Special fire fighting procedures: No data available.  
Special protective equipment for fire-fighters: No data available.

**6. Accidental release measures**

Personal precautions, protective equipment and emergency procedures: No data available.  
Methods and material for containment and cleaning up: Absorb spillage with non-combustible, absorbent material. Dike for later disposal.

**7. Handling and storage**

Precautions for safe handling: Container must be kept tightly closed. Do not get in eyes, on skin, on clothing. Use personal protective equipment as required. Use only in well-ventilated areas.  
Conditions for safe storage, including any incompatibilities: No data available.

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**Individual protection measures, such as personal protective equipment**

General information: No data available.  
Eye/face protection: No data available.  
Skin protection  
Hand protection: No data available.  
Other: No data available.  
Respiratory protection: No data available.  
Hygiene measures: No data available.

**9. Physical and chemical properties**

Physical state: Liquid  
Form: No data available.  
Color: No data available.  
Odor: No data available.  
Odor threshold: No data available.  
pH: 11.6  
Melting point/freezing point: -69 °C  
Initial boiling point and boiling range: No data available.  
Flash Point: No data available.  
Evaporation rate: No data available.  
Flammability (solid, gas): No data available.  
Upper/lower limit on flammability or explosive limits  
Flammability limit - upper (%): No data available.  
Flammability limit - lower (%): No data available.  
Explosive limit - upper (%): No data available.  
Explosive limit - lower (%): No data available.  
Vapor pressure: No data available.  
Vapor density: No data available.  
Relative density: No data available.  
Solubility(ies)  
Solubility in water: No data available.  
Solubility (other): No data available.  
Partition coefficient (n-octanol/water): No data available.

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**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

No carcinogenic components identified

**US. National Toxicology Program (NTP) Report on Carcinogens:**

No carcinogenic components identified

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):**

No carcinogenic components identified

**Germ cell mutagenicity**

**In vitro**

**Product:** No data available.

**In vivo**

**Product:** No data available.

**Reproductive toxicity**

**Product:** No data available.

**Specific target organ toxicity - single exposure**

**Product:** No data available.

**Specific target organ toxicity - repeated exposure**

**Product:** No data available.

**Aspiration hazard**

**Product:** No data available.

**Other effects:** No data available.

**12. Ecological information**

**Ecotoxicity:**

**Acute hazards to the aquatic environment:**

**Fish**

**Product:** No data available.

**Specified substance(s):**

Ammonium Hydroxide

LC 50 (Fathead minnow (Pimephales promelas), 24 h): 17 mg/l Mortality LC 50 (Goldfish (Carassius auratus), 24 h): 17 mg/l Mortality LC 50 (Western mosquitofish (Gambusia affinis), 24 h): 18 mg/l Mortality LC 50 (Channel catfish (Ictalurus punctatus), 24 h): 2.36 mg/l Mortality LC 50 (Fathead minnow (Pimephales promelas), 24 h): 23.02 mg/l Mortality

**Aquatic invertebrates**

**Product:** No data available.

**Specified substance(s):**

Ammonium Hydroxide

LC 50 (Water flea (Daphnia magna), 25 h): 60 mg/l Mortality LC 50 (Water flea (Ceriodaphnia dubia), 48 h): > 0 - < 10 mg/l Mortality LC 50 (Water flea (Daphnia magna), 50 h): 32 mg/l Mortality LC 50 (Water flea (Daphnia



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Special precautions for user: —  
**IMDG**  
UN number: UN 2672  
UN proper shipping name: AMMONIA SOLUTION  
Transport hazard class(es)  
Class: 8  
Label(s): 8  
EmS No.: F-A, S-B  
Packing group: III  
Marine Pollutant: Not regulated.  
Special precautions for user: —  
**IATA**  
UN number: UN 2672  
Proper Shipping Name: AMMONIA SOLUTION  
Transport hazard class(es):  
Class: 8  
Label(s): 8  
Packing group: III  
Environmental hazards: Not regulated.  
Special precautions for user: —  
Other information  
Passenger and cargo aircraft: Allowed.  
Cargo aircraft only: Allowed.

**15. Regulatory information**

**US federal regulations US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

None present or none present in regulated quantities.

**CERCLA Hazardous Substance List (40 CFR 302.4):**

Ammonium Hydroxide Reportable quantity: 1000 lbs.

**Superfund amendments and reauthorization act of 1986 (SARA)**

**Hazard categories**

Not listed.

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Inventory Status:Australia AICS:	Not in compliance with the inventory.
Canada DSL Inventory List:	Not in compliance with the inventory.
EU EINECS List:	On or in compliance with the inventory
EU ELINCS List:	Not in compliance with the inventory.
Japan (ENCS) List:	Not in compliance with the inventory.
EU No Longer Polymers List:	Not in compliance with the inventory.
China Inv. Existing Chemical Substances:	Not in compliance with the inventory.
Korea Existing Chemicals Inv. (KECI):	Not in compliance with the inventory.
Canada NDSL Inventory:	Not in compliance with the inventory.
Philippines PICCS:	Not in compliance with the inventory.
US TSCA Inventory:	On or in compliance with the inventory
New Zealand Inventory of Chemicals:	Not in compliance with the inventory.
Japan ISHL Listing:	Not in compliance with the inventory.
Japan Pharmacopoeia Listing:	Not in compliance with the inventory.

**16. Other information, including date of preparation or last revision**

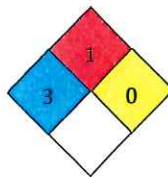
**HMIS Hazard ID**

Health	3
Flammability	1
Physical hazards	0
PERSONAL PROTECTION	B

B - Safety Glasses & Gloves

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; \*Chronic health effect

**NFPA Hazard ID**



<span style="color:red">■</span>	Flammability
<span style="color:blue">■</span>	Health
<span style="color:yellow">■</span>	Reactivity
<span style="border:1px solid black; display:inline-block; width:10px; height:10px;"></span>	Special hazard.

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe

Issue date: 05/29/2015  
 Revision date: No data available.  
 Version #: 1.2  
 Further information: No data available.

