



# Safety Datasheet

## Section 1—Chemical Product and Company Identification

**Product Identifier:** Ammonia 9% ALL PURPOSE CLEANER

**Product Use:** Ammonia Cleaner

**Supplier:** Fabriclean, 8301 Ambassador Row, Dallas, Texas 75247, tel 214-826-4161.

**Emergency Contact:** Chemtrec, 800-424-9300.

## Section 2—Hazards Identification

**Physical Hazards:** Not Classified as Hazardous

**Health Hazards:** Eye Corrosion: 1  
Skin Corrosion: 1  
Acute Oral Toxicity: 4

**Environmental Hazards:** Acute Aquatic Toxicity: 1

**Signal Word:** DANGER

**Symbols:**



**Hazard Statements:** Causes severe skin burns and serious eye damage. Harmful if swallowed. Very toxic to aquatic life.

**Precautionary Statements:** Do not breathe dusts or mists. Wash hands thoroughly after handling. Wear protective gloves, protective clothing, eye protection, face protection. Do not eat, drink or smoke when using this product. Avoid release to the environment.

Collect spillage.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor.

If swallowed: Call a doctor if you feel unwell. Rinse mouth. Do NOT induce vomiting.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a doctor.

Store locked up.

Dispose of contents and container in accordance with local, regional, national, international regulations.

**Other Hazards:** None found.

**Unknown Ingredients:** N/D

## Section 3—Information on Ingredients

Ingredient Name	Ingredient Percentage	Ingredient CAS No
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Ammonium Hydroxide Product as a Whole	5-10 N/D	7664-41-7 N/D
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## Section 4—First Aid Measures

**Skin contact:** If on skin or hair: Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse.

**Eye contact:** If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor.

**Ingestion:** If swallowed: Rinse mouth. DO NOT induce vomiting. Call a doctor if you feel unwell.

**Inhalation:** If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a doctor.

**Most important symptoms/effects, acute and delayed:** N/D

**Indication of immediate medical attention/special treatment:** N/D

## Section 5—Fire-Fighting Measures

**Suitable extinguishing media:** Use media suitable to surrounding fire.

**Specific hazard arising from chemicals:** Nitrogen oxides (NO<sub>x</sub>)

**Special equipment and precautions:** Firefighters should wear self-contained breathing apparatus & personal protective clothing.

## Section 6—Accidental Release Measures

**Personal precaution, protective equipment, emergency procedures:** Avoid contact with skin and eyes. Do not ingest. Do not inhale. Wear Personal Protective Equipment (refer to section 8).

**Methods and material for containment and clean up:** Avoid release to the environment. Collect spillage. Stop discharge and contain material. Substantial quantities may be recovered with a vacuum pump. Use explosion proof equipment if flammable or combustible. Otherwise, use appropriate absorbent. Place contaminated material in container suitable for disposal. Use appropriate protective equipment. Be sure there is adequate ventilation. Do not flush to streams or other bodies of water. Contact appropriate environmental agencies if further guidance is required.

## Section 7—Handling and Storage

**Precautions for safe handling:** Wash thoroughly after handling, especially before eating, drinking, smoking or using restroom facilities. Wash goggles and gloves. Launder contaminated clothing. Do not swallow. Do not get in eyes. Do not inhale mists or vapors.

**Cautions for safe storage:** Store locked up.

**Incompatibilities:** Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

## Section 8—Exposure controls/personal protection

**Exposure Limits:** N/D

**Specific Engineering:** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**Individual protective equipment and measures:** Eye/face protection: Tightly fitting safety goggles. Face shield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Skin protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Body Protection: Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Control of environmental exposure: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

## Section 9—Physical and Chemical Properties

Physical State: Liquid	Flammability (solid, gas): Not Flammable
Color: Clear	Vapor Pressure (mmHg): N/D
Odor: N/D	Vapor Density (air= 1): N/D
Odor Threshold: N/D	Relative Density: N/D
pH: 11.7 at 20 °C (68 °F)	Solubilities: In water: N/D
Melting point/freezing Point: -60 °C (-76 °F)	Partition Coefficient: N/D
Initial Boiling Point and Boiling Range: 38 - 100 °C (100 - 212 °F) at 1,013 hPa (760 mmHg)	Auto-ignition Temperature: N/D
Flash Point: N/D	Decomposition Temperature: N/D
Evaporation Rate: N/D	Viscosity: N/D
Upper/Lower Flammability or Explosive limits: N/D	

## Section 10—Stability and Reactivity:

Chemical Stability: Stable	Condition to Avoid: N/D
Reactivity: No specific reactivity test data available for this mixture.	Possibility of Hazardous Reaction: Hazardous Polymerization: N/D
Incompatible Materials: Copper, Iron, Zinc	Hazardous Decomposition Products: N/D

## Section 11—Toxicological information:

Information on the likely routes of exposure: Skin contact, eye contact, inhalation, ingestion.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LD50
Ammonium Hydroxide	350 mg/kg	N/D	N/D
Product as a Whole	1,134 mg/kg	N/D	N/D

**Important symptoms:** Refer to Section 4—First Aid Measures.

**Effects of Acute Exposure:** N/D

Effects of Chronic Exposure: N/D

**Carcinogenicity:** IARC, ACGIH, NTP, OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, ACGIH, NTP, OSHA respectively.

Other Data: N/D

## Section 12—Ecological Information:

**Ecotoxicity:** Very toxic to aquatic life. Harmful to aquatic life in very low concentrations. May be dangerous if it enters water intakes. Notify local health and wildlife officials. Do not contaminate any body of water by direct application, cleaning of equipment or disposal.

<b>Persistence and degradability:</b> N/D	<b>Bioaccumulative Potential:</b> N/D
<b>Mobility in Soil:</b> N/D	<b>Other Adverse Effects:</b> N/D

## Section 13—Disposal Considerations

**Waste Treatment Method:** Avoid release to the environment. Collect spillage. DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. FOR UNUSED & UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted: Incinerator or other thermal destruction device. Waste water treatment system.

## Section 14—Transport Information

<b>UN number:</b>	<b>UN proper shipping name:</b>
<b>Transport hazard class(es) :</b>	<b>Packing group if applicable:</b>
<b>Environmental hazards:</b>	<b>Special precautions:</b>
<b>Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):</b>	

## Section 15—Regulatory information

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

The following components are subject to reporting levels established by SARA Title III, Section 313:

Ammonium hydroxide CAS-No. 1336-21-6.

SARA 311/312 Hazards

Acute Health Hazard

Massachusetts Right to Know Components

Ammonium hydroxide CAS-No. 1336-21-6

Pennsylvania Right to Know Components

Water CAS-No. 7732-18-5

Ammonium hydroxide 1336-21-6

New Jersey Right to Know Components

Water CAS-No. 7732-18-5

Ammonium hydroxide 1336-21-6

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

## Section 16—Other Information

### Key to Abbreviations:

no info not determined, no information found

N/D not determined, no information found

**Date SDS Prepared:** July 1, 2015

**Suggested NFPA rating:** N/D

**Suggested HMIS rating:** N/D, PPE=N/D. (NPCA recommends that PPE codes be determined by the employer, who is most familiar with the actual conditions under which chemicals are used at the work location.)

This information is prepared according to 29 CFR 1910.1200 and is based on typical working conditions, use of product according to label directions, and the works of others. It may not be accurate. Actual use conditions are beyond our control. Employers should make their own studies to determine the suitability of the information for their purposes. Users assume all risks of use, handling, and disposal of the product, or of publishing, use, or reliance upon, this information. We assume no liability for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we have been advised of the possibility of such damages.

