

# SAFETY DATA SHEET

## Ammonia Spotter

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Printed: 06/17/2019

Revision: 06/17/2019

Supersedes Revision: 09/07/2018

### 1. Product and Company Identification

**Product Code:** 449  
**Product Name:** Ammonia Spotter  
**Trade Name:** SP #449  
**Company Name:** Servpro Professional Cleaning Products,  
LLC.  
801 Industrial Blvd.  
Gallatin, TN 37066 (800)535-5053  
**Emergency Contact:** Infotrac

### 2. Hazards Identification

**Acute Toxicity: Oral, Category 4**

**Skin Corrosion/Irritation, Category 1A**

**Serious Eye Damage/Eye Irritation, Category 1**



**GHS Signal Word:** **Danger**

**GHS Hazard Phrases:**  
H302 - Harmful if swallowed.  
H314 - Causes severe skin burns and eye damage.  
H318 - Causes serious eye damage.

**GHS Precautionary Phrases:** P260 - Do not breathe dust/fume/gas/mist/vapors/spray.  
P264 - Wash hands thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

**GHS Response Phrases:** P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 - Immediately call a POISON CENTER or doctor/physician.  
P321 - Specific treatment see ... on this label.  
P330 - Rinse mouth.  
P363 - Wash contaminated clothing before reuse.  
P391 - Collect spillage.

**GHS Storage and Disposal Phrases:** P405 - Store locked up.  
P501 - Dispose of contents/container to ...

**Potential Health Effects (Acute and Chronic):** Avoid breathing vapors or mists. Causes severe skin burns and eye damage. Inhalation of material may be harmful.

**Inhalation:** Inhalation of vapors or dust is extremely irritating.

**Skin Contact:** Causes severe skin irritation.

**Eye Contact:** Can cause severe eye irritation. Can cause severe injury--damage reversable.

**Ingestion:** Harmfull if swallowed, in contact with skin or if inhaled.

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### 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
1336-21-6	Ammonium hydroxide	<=10.0 %

### 4. First Aid Measures

<b>Emergency and First Aid Procedures:</b>	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
<b>In Case of Inhalation:</b>	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
<b>In Case of Skin Contact:</b>	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.
<b>In Case of Eye Contact:</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.
<b>In Case of Ingestion:</b>	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
<b>Signs and Symptoms Of Exposure:</b>	The most important known symptoms and effects are described in the labelling (see section 2 .2) and/or in section 11 Shortness of breath, Moderate irritation effect.

### 5. Fire Fighting Measures

<b>Flash Pt:</b>	NP Method Used: Estimate
<b>Explosive Limits:</b>	LEL: UEL:
<b>Autoignition Pt:</b>	NA
<b>Suitable Extinguishing Media:</b>	Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.
<b>Fire Fighting Instructions:</b>	Wear self contained breathing apparatus for fire fighting if necessary. Further information.
<b>Flammable Properties and Hazards:</b>	
<b>Hazardous Combustion Products:</b>	

### 6. Accidental Release Measures

<b>Protective Precautions, Protective Equipment and Emergency Procedures:</b>	Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.
<b>Environmental Precautions:</b>	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Methods and materials for containment and cleaning up: Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.
<b>Steps To Be Taken In Case Material Is Released Or Spilled:</b>	

### 7. Handling and Storage

<b>Precautions To Be Taken in Handling:</b>	Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. For precautions see section 2.
<b>Precautions To Be Taken in Storing:</b>	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.

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## 8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
1336-21-6	Ammonium hydroxide			
<b>Respiratory Equipment (Specify Type):</b>	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).			
<b>Eye Protection:</b>	Tightly fitting safety goggles. Faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).			
<b>Protective Gloves:</b>	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.			
<b>Other Protective Clothing:</b>	Safety shower in work area. Complete suit protecting against chemicals.			
<b>Engineering Controls (Ventilation etc.):</b>	Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.			
<b>Work/Hygienic/Maintenance Practices:</b>	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.			
<b>Environmental Exposure Controls:</b>	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.			

## 9. Physical and Chemical Properties

<b>Physical States:</b>	[ ] Gas [ X ] Liquid [ ] Solid		
<b>Appearance and Odor:</b>	Clear and colorless liquid  ammonia-like.		
<b>pH:</b>	- 12 - 13		
<b>Melting Point:</b>	-60.00 C - 76.00 C		
<b>Boiling Point:</b>	38.00 C - 100.00 C		
<b>Flash Pt:</b>	NP Method Used: Estimate		
<b>Evaporation Rate:</b>			
<b>Flammability (solid, gas):</b>			
<b>Explosive Limits:</b>	LEL:		UEL:
<b>Vapor Pressure (vs. Air or mm Hg):</b>			
<b>Vapor Density (vs. Air = 1):</b>			
<b>Specific Gravity (Water = 1):</b>			
<b>Density:</b>	0.9 G/ML		
<b>Solubility in Water:</b>			

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**Octanol/Water Partition****Coefficient:****Autoignition Pt:** NA**Decomposition Temperature:****Viscosity:**

### 10. Stability and Reactivity

**Stability:** Unstable [  ] Stable [  ]**Conditions To Avoid -** Strong acids.**Instability:****Incompatibility - Materials To** Copper, Iron. Zinc. Acids.**Avoid:****Hazardous Decomposition or** Ammonia Gas**Byproducts:** Other decomposition products: No Data Available**Possibility of Hazardous** Will occur [  ] Will not occur [  ]**Reactions:****Conditions To Avoid -****Hazardous Reactions:**

### 11. Toxicological Information

**Toxicological Information:** Germ cell mutagenicity. No Data Available

(Ammonium hydroxide)

Reproductive toxicity. Specific target organ toxicity - single exposure: Specific target organ toxicity - repeated exposure: Aspiration hazard:

**Irritation or Corrosion:** Skin corrosion/irritation. No Data Available

Serious eye damage/eye irritation: Eyes - rabbit - Result:

**Sensitization:** No Data Available**Carcinogenicity/Other Information:** IARC: 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: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.**Carcinogenicity:** NTP? No IARC Monographs? No OSHA Regulated? No

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### 12. Ecological Information

**Results of PBT and vPvB assessment:** PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

**Mobility in Soil:** No Data Available

**Other adverse effects:** An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

### 13. Disposal Considerations

**Waste Disposal Method:** Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

### 14. Transport Information

#### LAND TRANSPORT (US DOT):

**DOT Proper Shipping Name:** Ammonia solutions, [relative density between 0.880 and 0.957 at 15 degrees C in water, with more than 10 percent but not more than 35 percent ammonia]

**DOT Hazard Class:** 8 CORROSIVE

**UN/NA Number:** UN2672

**Packing Group:** III



#### AIR TRANSPORT (ICAO/IATA):

**ICAO/IATA Shipping Name:** AMMONIA SOLUTION.

**UN Number:** 2672

**Packing Group:** III

**Hazard Class:** 8 - CORROSIVE

### 15. Regulatory Information

#### EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
1336-21-6	Ammonium hydroxide	No	Yes 1000 LB	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
1336-21-6	Ammonium hydroxide	CA PROP.65: No

CAS #	Hazardous Components (Chemical Name)	International Regulatory Lists
1336-21-6	Ammonium hydroxide	Canadian DSL: Yes; Canadian NDSL: No

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**16. Other Information**

**Revision Date:** 06/17/2019

**Additional Information About  
This Product:**