

# Safety Data Sheet

**Revision Date: N/A** 

Version 1

	1. IDENTIFICATION		
Product Identifier Product Name	AR150002 AROCEP AMMONIA CLEANER		
Other means of identification SDS #	CPD-020-10001		
Recommended use of the chemica	l and restrictions on use		
Recommended Use	Cleaning agent.		
Details of the supplier of the safety Supplier Address Champion Packaging & Distribution 1840 International pkwy Woodridge, IL 60517 Emergency Telephone Number Company Phone Number Emergency Telephone (24 hr)	630-972-0100 INFOTRAC 1-352-323-3500 (International)		
	1-800-535-5053 (North America)		
	2. HAZARDS IDENTIFICATION		
Appearance Clear liquid	Physical State Liquid		Odor Pungent
<u>Classification</u>			
Skin corrosion/irritation		Category 2	
Serious eye damage/eye irritation		Category 1	

Signal Word Danger

Hazard Statements Causes skin irritation Causes serious eye damage



**Precautionary Statements - Prevention** Wash face, hands and any exposed skin thoroughly after handling Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Immediately call a poison center or doctor/physician IF ON SKIN: Wash with plenty of soap and water Take off contaminated clothing and wash it before reuse If skin irritation occurs: Get medical advice/attention

## **Other Hazards**

Toxic to aquatic life with long lasting effects

## **3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No	Weight-%
Ammonium hydroxide	1336-21-6	1-10

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

4. FIRST-AID MEASURES				
First Aid Measures				
Eye Contact	Wash eyes thoroughly and immediately with water for at least 15 minutes. A 5% boric acid solution may be used in place of water. Speed is essential. Get medical attention promptly.			
Skin Contact	Wash skin thoroughly and immediately with water. Take off contaminated clothing and wash it before reuse. Do not apply salves or ointments or cover burns with dressing. Injured areas should be covered with clean cloth prior to medical care. Do not attempt to neutralize the ammonium hydroxide. If skin irritation occurs: Get medical advice/ attention.			
Inhalation	Take exposed person to fresh air. If unconscious, apply artificial respiration and oxygen as necessary. Get medical attention.			
Ingestion	Not generally possible; however, if ingestion occurs drink large quantities of water followed by neutralizing agents such as dilute vinegar, lemon juice, orange juice, grapefruit juice or lime juice. Do not induce vomiting. Get medical attention.			
Most important symptoms an	d effects			
Symptoms	Causes skin irritation. Causes serious eye damage.			
Indiantian of any immediate m				

#### Indication of any immediate medical attention and special treatment needed

**Notes to Physician** Treat symptomatically.

## **5. FIRE-FIGHTING MEASURES**

## Suitable Extinguishing Media

Carbon dioxide (CO2). Dry chemical. Water spray (fog).

## Unsuitable Extinguishing Media Not determined.

## Specific Hazards Arising from the Chemical

Not considered to be a fire hazard. Not considered to be an explosion hazard.

**Hazardous Combustion Products** Mixing with household bleach will cause a dangerous production of chlorine gas and oxygen.

## Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

# 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective e	equipment and emergency procedures					
Personal Precautions	Use personal protective equipment as required.					
Methods and material for containn	nent and cleaning up					
Methods for Containment	Contain spill to minimize ammonia vaporization.					
Methods for Clean-Up	Dilute with water and flush to local sewer system, if permitted. Solid waste must be disposed of in a permitted waste management facility. Ensure compliance with local, state and federal regulations.					
	7. HANDLING AND STORAGE					
Precautions for safe handling						
Advice on Safe Handling	Handle in accordance with good industrial hygiene and safety practice. Wash face, hands, and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing and eye/face protection.					
Conditions for safe storage, including any incompatibilities						
Storage Conditions	Store in cool, dry, ventilated area. Protect against physical damage. Keep separate from incompatibles.					
Incompatible Materials	Bleach. Silver. Mercury. Copper. Zinc.					
8. EX	<b>KPOSURE CONTROLS/PERSONAL PROTECTION</b>					
Exposure Guidelines	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies					
Appropriate engineering controls						
Engineering Controls	Necessary to meet OSHA TLV.					
Individual protection measures, su	uch as personal protective equipment					
Eye/Face Protection	Safety glasses.					
Skin and Body Protection	Plastic gloves.					

**Respiratory Protection** Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations Take all practical measures necessary to avoid contact.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Information on basic physical and chemical properties

Physical State Appearance Color	Liquid Clear liquid Colorless	Odor Odor Threshold	Pungent Not determined
Property pH Melting Point/Freezing Point Boiling Point/Boiling Range Flash Point Evaporation Rate Flammability (Solid, Gas) Upper Flammability Limits Lower Flammability Limit Vapor Pressure	Values_ 11.2-11.8 Not determined 27 °C / 80.6 °F Not determined Not available Liquid-Not applicable Not determined Not determined 590	Remarks • Method	
Vapor Density	0.59	at 0°C (32°F)	
Specific Gravity Water Solubility Solubility in other solvents Partition Coefficient Auto-ignition Temperature Decomposition Temperature Kinematic Viscosity Dynamic Viscosity Explosive Properties Oxidizing Properties	0.9825 Completely soluble Not determined Not determined Not determined Not determined Not determined Not determined Not determined Not determined		

## **10. STABILITY AND REACTIVITY**

## **Reactivity**

Not reactive under normal conditions.

#### **Chemical Stability**

Stable under recommended storage conditions.

#### Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization This substance does not polymerize.

## Conditions to Avoid

Incompatible Materials.

#### Incompatible Materials

Bleach. Silver. Mercury. Copper. Zinc.

## Hazardous Decomposition Products

Mixing with household bleach will cause a dangerous production of chlorine gas and oxygen.

# **11. TOXICOLOGICAL INFORMATION**

#### Information on likely routes of exposure

#### **Product Information**

Eye Contact

Causes serious eye damage.

Skin Contact Causes skin irritation.

Inhalation Do not inhale.

Ingestion Do not ingest.

## Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Ammonium hydroxide	= 350 mg/kg (Rat)	-	-
1336-21-6			

## Information on physical, chemical and toxicological effects

Symptoms

Please see section 4 of this SDS for symptoms.

## Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

## Numerical measures of toxicity

Not determined

# 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

Toxic to aquatic life with long lasting effects.

## Component Information

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Ammonium hydroxide		8.2: 96 h Pimephales		0.66: 48 h water flea mg/L
1336-21-6		promelas mg/L LC50		EC50 0.66: 48 h Daphnia
		-		pulex mg/L EC50

## Persistence/Degradability

Not determined.

# **Bioaccumulation**

Not determined.

## <u>Mobility</u>

Not determined

## Other Adverse Effects

Not determined

# **13. DISPOSAL CONSIDERATIONS**

## Waste Treatment Methods

Disposal of Wastes	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated Packaging	Disposal should be in accordance with applicable regional, national and local laws and regulations.

# California Hazardous Waste Status

Chemical Name	California Hazardous Waste Status
Ammonium hydroxide	Toxic
1336-21-6	Corrosive

# 14. TRANSPORT INFORMATION

<u>Note</u>	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
DOT	Not regulated
IATA	Not regulated
IMDG Marine Pollutant	This material may meet the definition of a marine pollutant

## 15. REGULATORY INFORMATION

#### International Inventories

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Ammonium hydroxide	Present	Х		Present		Present	Х	Present	Х	Х

#### Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

## US Federal Regulations

## **CERCLA**

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Ammonium hydroxide	1000 lb		RQ 1000 lb final RQ
1336-21-6			RQ 454 kg final RQ

#### SARA 313

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Ammonium hydroxide - 1336-21-6	1336-21-6	4	1.0

## CWA (Clean Water Act)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Ammonium hydroxide	1000 lb			Х

## US State Regulations

## California Proposition 65

This product does not contain any Proposition 65 chemicals.

# U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Ammonium hydroxide 1336-21-6	X	X	Х

16. OTHER INFORMATION				
<u>NFPA</u>	Health Hazards	Flammability	Instability	Special Hazards Not determined
<u>HMIS</u>	Health Hazards	<b>Flammability</b> 0	<b>Physical Hazards</b> 1	Personal Protection Not determined
Issue Date: Revision Date:				

New

**Disclaimer** 

**Revision Note:** 

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet