

**Section 1. Identification****Product identifier****Product Identity****Other means of identification****Relevant identified uses of the substance or mixture and uses advised against**

Fertilizer; extracting metals from their ores; manufacturing of plastics, fibers, resins, explosives, detergents, pesticides, pharmaceuticals, ammonium compounds, and other chemicals.

**Restrictions on use:**

Consult local, regional and national regulations, product may need to be registered when used in certain applications.

**Details of the supplier of the safety data sheet****Company Name**

Chemtrade Logistics Inc. (Canada)  
155 Gordon Baker Road Suite 300  
Toronto, Ontario M2H 3N5  
(416) 496-5856

Chemtrade Logistics Inc. (US)  
90 East Halsey Road, Suite 200  
Parsippany, NJ 07054  
(800) 228- 8558

**Emergency****24 hour Emergency Telephone No.**

Chemtrade Emergency Contact: (866) 416-4404 (US and Canada)

CHEMTREC +1-800-424-9300

For Chemical Emergency, Spill, Leak, Fire, Exposure, or Accident, call CHEMTREC – Day or Night

For SDS Info: (416) 496-5856

[www.chemtradelogistics.com](http://www.chemtradelogistics.com)

**Section 2. Hazard(s) identification****Classification of the substance or mixture**

Skin corrosion/irritation category  
1B;H314

Causes severe skin burns and eye damage.

Serious eye damage / eye irritation, category 1;H318 Causes serious eye damage.

Specific target organ toxicity, Single exposure category 3;H335 May cause respiratory irritation.

Aquatic toxicity (acute), category 1;H400 Very toxic to aquatic life.

**Label elements**

H314 Causes severe skin burns and eye damage.

H335 May cause respiratory irritation.

H400 Very toxic to aquatic life.

**[Prevention]:**

P233 Keep container tightly closed.

P260 Do not breathe dust, fume, mist, vapors or spray.

P264 Wash thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

P280 Wear protective gloves, protective clothing, eye protection, face protection.

**[Response]:**

P303+361+353 IF ON SKIN (or hair): Remove, take off immediately all contaminated clothing. Rinse skin with water or shower.

P304+340 IF INHALED: Remove person to fresh air and keep 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, doctor or physician.

P312 Call a POISON CENTER, doctor or physician if you feel unwell.

P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P363 Wash contaminated clothing before reuse.

P391 Collect spillage.

**[Storage]:**

P403+233 Store in a well ventilated place. Keep container tightly closed.

P405 Store locked up.

**[Disposal]:**

P501 Dispose of contents or container in accordance with local and national regulations.

**Other hazards**

This product contains no PBT/vPvB/vPvM chemicals.

This product contains no endocrine disrupting chemicals.

Does NOT contain component(s) that meet a 'definition' of per & poly fluoroalkyl substance (PFAS) per the US EPA PFASMASTER combined list of PFAS chemicals.

**Section 3. Composition/information on ingredients**

This product contains the following substances that present a hazard within the meaning of the Hazardous Products Regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
<b>Ammonium hydroxide</b> CAS Number: 1336-21-6 Synonyms: Ammonia, aqueous solution	15 - 40	Skin corrosion/irritation category 1B;H314 Aquatic toxicity (acute), category 1;H400 STOT SE 3; H335: C ≥ 5 %	No data available

The actual concentration or concentration range is withheld as a trade secret.

\*PBT/vPvB - PBT, vPvM or vPvB-substance.

The full texts of the phrases are shown in Section 16.

The specific chemical identity and/or exact percentage of composition are withheld as a trade secret within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200].

**Section 4. First aid measures****Description of first aid measures**

<b>General</b>	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
<b>Inhalation</b>	Remove to fresh air, keep patient warm and at rest. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
<b>Eyes</b>	Irrigate copiously with clean water for at least 30 minutes, holding the eyelids apart and seek medical attention. Remove contact lenses, if present and easy to do. Continue rinsing.
<b>Skin</b>	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser. Drench affected area with water for at least 30 minutes. Obtain medical attention if irritation develops or persists.

<b>Ingestion</b>	If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.
<b>Most important symptoms and effects, both acute and delayed</b>	
<b>Overview</b>	May cause respiratory irritation. Causes severe skin burns and eye damage.
	<b>Acute Health Effects:</b> Causes severe skin burns and eye damage. May cause irritation to the respiratory tract.
	EYE: Contact causes serious eye damage. Causes permanent damage to the cornea, iris, or conjunctiva with redness, pain, swelling, blurred vision, and severe burns (Immediate). No delayed effects from eye contact are expected. No chronic effects from eye contact are known.
	SKIN: Causes skin irritation which may progress to chemical burns. Symptoms may include redness, pain, itchiness, which may progress to serious skin burns, and blisters. (Immediate). No delayed effects from skin contact are expected. No chronic effects from skin contact are known.
	INHALATION: May cause irritation to the respiratory tract. (IMMEDIATE).
	INGESTION: May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract (IMMEDIATE).
	<b>Indication of Any Immediate Medical Attention and Special Treatment Needed:</b> If exposed or concerned, get medical advice and attention. See section 2 for further details.
<b>Inhalation</b>	May cause respiratory irritation.
<b>Eyes</b>	Causes serious eye damage.
<b>Skin</b>	Causes severe skin burns and eye damage.
<b>Chronic effects</b>	Not available, none known.

## Section 5. Fire-fighting measures

### Extinguishing media

**Suitable Extinguishing Media:** Dry powder, alcohol-resistant foam, water in large amounts, carbon dioxide.

**Unsuitable extinguishing media:** Do not use water jet, or heavy water stream. Use of heavy stream of water may spread fire.

### Special hazards arising from the substance or mixture

Hazardous decomposition: Under conditions of fire this material may produce: Ammonia. Nitrogen oxides.

Keep container tightly closed.

Do not breathe dust, fume, mist, vapors or spray.

### Advice for fire-fighters

As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full-face piece and protective clothing. Persons without respiratory protection should leave area. Wear SCBA during clean up immediately after fire. No smoking.

**Fire Hazard:** Product is not considered flammable.

**Explosion Hazard:** Product is not explosive. Ammonia vapor concentrations between 16% and 25% can explode on contact with an ignition source.

**Reactivity:** Ammonium hydroxide reacts with many heavy metals and their salts forming explosive compounds. It attacks many metals forming flammable/explosive gas. The solution in water is a strong base; it reacts violently with acids.

**Firefighting Instructions:** **Exercise caution when fighting any chemical fire.** Under fire conditions, hazardous fumes will be present. Keep upwind. Use water spray or fog for cooling exposed containers. Do not get water inside containers. Do not apply water stream directly at source of leak. Do not breathe fumes from fires or vapors from decomposition.

**Protection During Firefighting:** Firefighters must use full bunker gear including NIOSH-approved positive-pressure self-contained breathing apparatus to protect against potential hazardous combustion and decomposition products.

**Hazardous Combustion Products:** Nitrogen oxides. Nitrogen compounds. Ammonia.

**Other Information:** Do not allow run-off from firefighting to enter drains or water courses.

**ERG Guide No.** 154

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

#### For Non-Emergency Personnel

**Protective Equipment:** Use recommended respiratory protection. Wear suitable protective clothing, gloves and eye/face protection. Use appropriate personal protective equipment (PPE). **Emergency**

**Procedures:** Stop leak if safe to do so. Evacuate unnecessary personnel. Ventilate area. Keep upwind.

#### For Emergency Personnel

**Protective Equipment:** Use recommended respiratory protection. Wear suitable protective clothing, gloves and eye/face protection. Equip cleanup crew with proper protection.

**Emergency Procedures:** Ventilate area. Stop leak if safe to do so. Eliminate ignition sources. Evacuate unnecessary personnel.

Use good personal hygiene practices. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid contact with eyes, skin and clothing. Avoid breathing mist or vapors. Promptly remove soiled clothing and wash thoroughly before reuse. Keep away from heat, sparks, open flames, hot surfaces, combustible materials, incompatible materials. - No smoking

#### Environmental precautions

Prevent entry to sewers and public waters. Avoid release to environment.

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

#### Methods and material for containment and cleaning up

Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as

conditions permit.

Ventilate area.

**Methods for Cleaning Up:** Ventilate area. Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Collect absorbed material and place into a sealed, labelled container for proper disposal. Practice good housekeeping - spillage can be slippery on smooth surface either wet or dry.

**Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. As an immediate precautionary measure, isolate spill or leak area in all directions. Ventilate area. Equip cleanup crew with proper protection.

## Section 7. Handling and storage

### Precautions for safe handling

Handle containers carefully to prevent damage and spillage.

Store locked up.

Use only outdoors or in a well-ventilated area. Do not breathe mist, spray, and vapours.

Do not get in eyes, on skin, or on clothing. Use appropriate personal protection equipment (PPE). Wear protective gloves, eye protection, face protection (refer to section 8 for more details).

Use good personal hygiene practices. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

### Conditions for safe storage, including any incompatibilities

Store in dry, cool area. Store in a well-ventilated place. Store away from oxygen and oxidizers. Keep away from combustible materials. Keep away from sources of ignition - No smoking. Keep/Store away from extremely high or low temperatures and incompatible materials.

Detached outside storage is preferable.

Comply with applicable regulations.

**Incompatible materials:** Oxidizers. Halogens (F, Cl, Br, I). Gold. Mercury. Hypochlorites. Copper and its alloys. Aluminum alloys. Galvanized surfaces.

See section 2 for further details. - [Storage]:

### Specific end use(s)

Fertilizer; extracting metals from their ores; manufacturing of plastics, fibers, resins, explosives, detergents, pesticides, pharmaceuticals, ammonium compounds, and other chemicals.

### Restrictions on use:

Consult local, regional and national regulations, product may need to be registered when used in certain applications.

## Section 8. Exposure controls / personal protection

## Control parameters

### Exposure Limits

CAS No.	Ingredient	Source	Value
1336-21-6	Ammonium hydroxide	ACGIH	No Established Limit
		OSHA	No Established Limit
		NIOSH	No Established Limit
		Alberta	No Established Limit
		British Columbia	No Established Limit
		Manitoba	No Established Limit
		New Brunswick	No Established Limit
		Newfoundland and Labrador	No Established Limit
		Nova Scotia	No Established Limit
		Northwest Territories	No Established Limit
		Nunavut	No Established Limit
		Ontario	No Established Limit
		Prince Edward Island	No Established Limit
		Quebec	No Established Limit
		Saskatchewan	No Established Limit
		Yukon	No Established Limit

## Exposure controls

<b>Respiratory</b>	If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.
<b>Eyes</b>	Wear chemical safety goggles and face shield. <b>Where higher splash potential exists</b> (e.g. loading, unloading, line breaking, sampling of product), wear goggles and face shield with side and chin protection: chemical and impact resistant.
<b>Skin</b>	Wear chemical resistant gloves: Poly vinyl chloride (PVC), nitrile, viton™ (a trademark of the Chemours company), butyl or butyl rubber. Wear chemical resistant clothing. <b>Where higher splash potential exists</b> (e.g. loading, unloading, line breaking, sampling of product), wear hard hat and chemical splash shroud, Chemical resistant jacket and pants or bib overalls: PVC, neoprene, PVC coated polyester, or polyester trilaminate gore.
<b>Engineering Controls</b>	<b>Exposure Controls Appropriate Engineering Controls:</b> Emergency eyewash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.
<b>Other Work Practices</b>	Put on appropriate personal protective equipment. Chemically compatible gloves (e.g. PVC, nitrile, viton butyl or butyl rubber), Chemical resistant clothing (e.g. PVC, neoprene, PVC coated polyester, or polyester trilaminate gore), and chemical

resistant safety goggles and face shield. Where there is insufficient ventilation: wear respiratory protection.

**WHERE HIGHER SPASH POTENTIAL EXISTS** (e.g. loading, unloading, line breaking, sampling of product), wear hard hat and chemical splash shroud, chemical resistant jacket and pants or bib overalls: PVC, neoprene, PVC coated polyester, or polyester trilaminate gore. Follow all posted PPE requirements **AND** wear goggles and face shield with side and chin protection: chemical and impact resistant. Use good personal hygiene practices. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid contact with eyes, skin and clothing. Avoid breathing mist or vapors. Promptly remove soiled clothing and wash thoroughly before reuse. Keep away from heat, sparks, open flames, hot surfaces, combustible materials, incompatible materials. - No smoking

See section 2 for further details.

## Section 9. Physical and chemical properties

### Information on basic physical and chemical properties

<b>Physical State</b>	Liquid
<b>Color</b>	Clear
<b>Odor</b>	Ammonia
<b>Odor threshold</b>	0.043 - 5 ppm @ 30% (w/w).
<b>Melting point / freezing point</b>	-72.4°C (-98.3°F) @ 30% (w/w) -73°C (-100°F) @ 10 - 35% (w/w) -77°C (-107°F) @ 27 - 30% (w/w)
<b>Initial boiling point and boiling range</b>	27.2°C (81°F) @ 30% (w/w) 38°C (100°F) @ 10 - 35% (w/w)
<b>Flammability (solid, gas)</b>	Not Applicable
<b>Upper/lower flammability or explosive limits</b>	Lower Explosive Limit: No available information Upper Explosive Limit: No available information
<b>Flash Point</b>	No available information
<b>Auto-ignition temperature</b>	No available information
<b>Decomposition temperature</b>	No available information
<b>pH</b>	13 @ 10% / 11.6 @ 1N.
<b>Viscosity (cSt)</b>	No available information
<b>Solubility in Water</b>	Miscible
<b>Partition coefficient n-octanol/water (Log Kow)</b>	No available information

<b>Vapour pressure (Pa)</b>	63.3 kPa (475 mm Hg) (at 20°C) @ 30% (w/w) 48 kPa (360 mm Hg) (at 20°C) @ 10 - 35% (w/w).
<b>Relative Density</b>	No available information
<b>Vapour Density</b>	0.618 @ 15°C (59°F) (Air=1) @ 30% (w/w) 0.6 - 1,2 (Air = 1) @ 10 - 35% (w/w) 0.59 (Air = 1) @ 27 - 30% (w/w)
<b>Evaporation rate (Ether = 1)</b>	No available information
<b>Relative Density</b>	0.895 (Water = 1) @ 30% (w/w) 1.9 @ 10 - 35% (w/w). 0.9 @ 27 - 30% (w/w)
<b>Specific Gravity</b>	0.898 @ 28% (w/w). 0.8974 @ 29.4% (w/w) 0.895 g/cm <sup>3</sup>
<b>Other information</b>	No other relevant information.

## Section 10. Stability and reactivity

### Reactivity

Ammonium hydroxide reacts with many heavy metals and their salts forming explosive compounds. It attacks many metals forming flammable/explosive gas. The solution in water is a strong base, it reacts violently with acids.

### Chemical stability

Stable at standard temperature and pressure.

### Possibility of hazardous reactions

Hazardous polymerization will not occur.

### Conditions to avoid

Keep away from heat. Avoid ignition sources. Extremely high or low temperatures and incompatible materials.

### Incompatible materials

Oxidizers. Halogens (F, Cl, Br, I). Gold. Mercury. Hypochlorites. Copper and its alloys. Aluminum alloys. Galvanized surfaces.

### Hazardous decomposition products

Under conditions of fire this material may produce: Ammonia. Nitrogen oxides.

## Section 11. Toxicological information

**Acute toxicity**

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Product Acute Toxicity Estimates	NA	NA	NA	NA	NA

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Ammonium hydroxide - (1336-21-6)	No data available.	No data available.	No data available.	No data available.	No data available.

**Carcinogen Data**

CAS No.	Ingredient	Source	Value	
1336-21-6	Ammonium hydroxide	IARC	No	
		ACGIH	No Established Limit	

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	1B	Causes severe skin burns and eye damage.
Serious eye damage/irritation	1	Causes serious eye damage.
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-single exposure	3	May cause respiratory irritation.
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

**Possible routes of entry:**

Inhalation, ingestion, skin contact, and skin absorption.

**Symptoms and effects, both acute and delayed:**

May cause respiratory irritation. Causes severe skin burns and eye damage.

**Acute Health Effects:** Causes severe skin burns and eye damage. May cause irritation to the respiratory tract.

**EYE:** Contact causes serious eye damage. Causes permanent damage to the cornea, iris, or conjunctiva with redness, pain, swelling, blurred vision, and severe burns (Immediate). No delayed effects from eye contact are expected. No chronic effects from eye contact are known.

**SKIN:** Causes skin irritation which may progress to chemical burns. Symptoms may include redness, pain, itchiness, which may progress to serious skin burns, and blisters. (Immediate). No delayed effects from skin contact are expected. No chronic effects from skin contact are known.

**INHALATION:** May cause irritation to the respiratory tract. (IMMEDIATE).

**INGESTION:** May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract (IMMEDIATE).

**Indication of Any Immediate Medical Attention and Special Treatment Needed:** If exposed or concerned, get medical advice and attention.

**Eyes** Causes serious eye damage.

**Skin** Causes severe skin burns and eye damage.

**Chronic effects** Not available, none known.

**Section 12. Ecological information****Toxicity**

Very toxic to aquatic life.

No additional information provided for this product. See Section 3 for chemical specific data.

**Aquatic Ecotoxicity**

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Ammonium hydroxide - (1336-21-6)	No data available.	No data available.	No data available.

**Persistence and degradability**

There is no data available on the preparation itself.

**Bioaccumulative potential**

No available information

**Mobility in soil**

No available information

**Results of PBT and vPvB assessment**

This product contains no PBT/vPvB/vPvM chemicals.

**Other adverse effects**

No available information

**Section 13. Disposal considerations****Waste treatment methods**

Dispose of waste material in accordance with all local, regional, federal, provincial, state, territorial and international regulations.

**Ecology - Waste Materials:** Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

**Additional Information:** Container may remain hazardous when empty. Continue to observe all precautions.

**Section 14. Transport information**

Classification Method: Classified as per Part 2, Sections 2.1-2.8 of the Transportation of Dangerous Goods Regulations.

**DOT (Domestic Surface Transportation)**

<b>UN number</b>	UN2672
<b>UN proper shipping name</b>	UN2672, 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, 8, III
<b>Transport hazard class(es)</b>	8
<b>Sub Class</b>	Not Applicable
<b>Packing group</b>	III

**TDG (Domestic Surface Transportation)**

<b>UN number</b>	UN2672
<b>UN proper shipping name</b>	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
<b>Transport hazard class(es)</b>	8
<b>Sub Class</b>	Not Applicable
<b>Packing group</b>	III

**IMO / IMDG (Ocean Transportation)**

<b>UN number</b>	UN2672
<b>UN proper shipping name</b>	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
<b>Transport hazard class(es)</b>	8
<b>Sub Class</b>	Not Applicable
<b>Packing group</b>	III

<b>ICAO/IATA</b>	
<b>UN number</b>	UN2672
<b>UN proper shipping name</b>	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
<b>Transport hazard class(es)</b>	8
<b>Sub Class</b>	Not Applicable
<b>Packing group</b>	III

**Environmental hazards**

IMDG Marine Pollutant: Yes; ( Ammonium hydroxide )

**Special precautions for user**

No available information

**Section 15. Regulatory information**

**Regulatory Overview** The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

**Toxic Substance Control Act (TSCA)** All components of this material are either listed or exempt from listing on the TSCA Inventory.

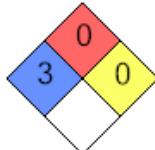
**NFPA Ranking**

Health (blue) :3

Fire (red) :0

Reactivity (yellow) :0

Special (white) :--


**Toxic Substance Control Act (TSCA)**

Ammonium hydroxide

Water

**CERCLA Chemicals and RQs (lbs):**

Ammonium hydroxide ( 1,000.00)

**EPCRA 302 Extremely Hazardous:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**EPCRA 313 Toxic Chemicals:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Canadian Domestic Substance List (DSL):**

Ammonium hydroxide

Water

**Canadian Non-Domestic Substance List (NDSL):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**New Jersey RTK Substances (>1%):**

Ammonium hydroxide

**Pennsylvania RTK Substances (>1%):**

Ammonium hydroxide

**Proposition 65 - Carcinogens (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Developmental Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Female Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Male Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 Label Warning:**

This product contains no chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Chemical Name (CAS Number)	US TSCA	Australia AICS	Korea ECL	EU EINECS	EU ELINCS	EU SVHC	EN NLP	Mexico INSQ
Ammonium hydroxide (1336-21-6)	Yes	Yes	Yes	Yes	No	No	No	Yes

Chemical Name (CAS Number)	China IECSC	Japan ENCS	Japan ISHL	Japan PDSCL	Japan PRTR 1	Japan PRTR 2	Philippines PICCS	New Zealand NZIOC

Ammonium hydroxide (1336-21-6)	Yes	Yes	No	Yes	No	No	Yes	Yes
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**Section 16. Other information**

**Revision Date** 10/22/2025

**Revision Number** 4

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products.

Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H314 Causes severe skin burns and eye damage.

H400 Very toxic to aquatic life.

**Disclaimer:** The information presented herein is supplied as a guide to those who handle or use this product. Safe work practices must be employed when working with any materials. It is important that the end user makes a determination regarding the adequacy of the safety procedures employed during the use of this product.

End of Document