

SAFETY DATA SHEET

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER: TRANSENE COMPANY, INC.
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MATERIAL NAME: **AMMONIUM HYDROXIDE 28-30%**

REVISED: February 2025

CHEMICAL FAMILY: Ammonia Solution

SECTION 2. HEALTH HAZARD INFORMATION

Hazard Statements

H290 Corrosive to Metals: Category 1
H300 Acute toxicity Oral : Category 2
H313 Acute Toxicity Dermal: Category 5
H331 Acute toxicity Inhalation : Category 3
H314 Skin corrosion / Skin irritation : Category 1B
H318 Serious eye damage / Eye irritation : Category 1
H400 Acute aquatic environmental hazards : Category 1

Pictograms or Hazard symbols



Signal Word: Danger
May be corrosive to metals
Fatal if swallowed. Toxic if inhaled.
May be harmful in contact with skin.
Causes skin irritation, severe skin burns, and serious eye damage.
Very toxic to aquatic life.

Precautionary Statements

P234 Keep only in original container.
P260 Do not breathe dusts or mists
P264 Wash thoroughly after handling.
P270 Do not eat, drink, or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release into the environment.
P280 Wear protective gloves, clothing, and eye and face protection.
P301 + P330 + P331 If swallowed, rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353 If on skin or hair take off immediately all contaminated clothing.

Rinse skin with water/shower.
 P304 + P340 If inhaled, remove person to fresh air and keep comfortable for breathing.
 P305 + P351 + P338 If in eyes, rinse cautiously with water for several minutes.
 P311 Seek medical assistance if not breathing.
 P312 Call a physician if you feel unwell.
 P332 + P313 If skin irritation occurs, get medical advice/attention.
 P363 Wash contaminated clothing before re-use.
 P390 Absorb spillage to prevent material damage.
 P391 Collect spillage.
 P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
 P405 Store locked up.
 P406 Store in corrosive resistant container.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Material		Wt %	Toxicity
Ammonium Hydroxide	CAS# 1336-21-6	28-30	25 ppm (OSHA)
Water	CAS# 7732-18-5	70-72	
Total		100	

SECTION 4. FIRST AID MEASURES

EFFECTS OF OVEREXPOSURE

FIRST AID:

Overexposure to mist can cause tissue damage, especially to eyes and lungs.

SECTION 5. FIRE FIGHTING MEASURES

Flash Point and Method	Autoignition Temp.	Flammability Limits In Air	<u>LOWER</u>	<u>UPPER</u>
non-flammable	NA		NA	NA

Extinguishing media: Water spray or fog, carbon dioxide and dry chemical.

Special fire fighting procedures: None

SECTION 6. ACCIDENTAL RELEASE MEASURES

SPILLS, LEAKS: Ventilate area of leak or spill. Dike and cover the contaminated areas with absorbent, non-combustible material such as earth, sand, or vermiculite.

SECTION 7. HANDLING AND STORAGE

Wash thoroughly after handling. Remove contaminated clothing and wash before re-use. Do not breathe mist or vapor. Do not expose eyes, skin, or clothing. Keep container closed tightly. Use with adequate ventilation or respiratory protection. Do not store near combustibles or in direct sunlight. Store in a cool, dry, well-ventilated area away from incompatible substances. Separate from strong acids.

Bioaccumulation : This material is not expected to bioaccumulate.

Ecotoxicity : This material is expected to be very toxic to aquatic life. The LC50/96 hour values for fish are less than 1 mg/L. The EC50/48 hour values for daphnia are less than 1 mg/L.

SECTION 13. DISPOSAL CONSIDERATIONS

DISPOSAL: Dispose of in accordance with all federal state and local regulations. Send waste to an approved waste disposal facility.

SECTION 14. TRANSPORTATION INFORMATION

DOT Shipping Name: Ammonia Solution
UN2672
Class 8
PGIII

SECTION 15. REGULATORY

Symbol: C, Corrosive
R-Phrase:
R21/22: Harmful in contact with skin and if swallowed.
S-Phrases:
S17: Keep away from combustible material.

SECTION 16. OTHER INFORMATION

NFPA Codes:
Health: 3
Flammability: 1
Reactivity: 0
All ingredients of this product are listed on the US TSCA inventory under their parent anhydrous compounds.