

MATERIAL SAFETY DATA SHEET
COMPLIES WITH OSHA HCS 29 CFR 1910.1200 & OSHA 174
AND N.J.S.A. 34:5A-1 et. seq.

Physical Properties

DATE PREPARED 12/5/86

DATE REVISED 3/19/90

Vol 1
2
3
4
BIB

SECTION I

Manufacturers Name : Laundry Aids, Inc.

Address : 333 Starke Rd., Carlstadt, NJ 07072

** EMERGENCY TELEPHONE ** (201) 933-3500

Rocky Mountain Poison Center (303) 573-1014

Product Name : HOUSEHOLD AMMONIA

Manufacturers Identification No. : 760000-760041

Alternate Product Name : Ammonium Hydroxide, ammonia, seamist

Various branded and private label names (clear, cloudy, sudsy, pine, and lemon)

Product CAS No. : 1336-21-6

SECTION II-HAZARDOUS INGREDIENTS

Finished Product: OSHA (PEL)- N/A

ACGIH (TLV)- N/A

Ingredient Name	CAS Number	PEL/TLV-Source	Other
Ammonia (NH ₃)	7664-41-7	50ppm*/25ppm*	3%
* - Ammonia Gas			

SECTION III- PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point : 191 - 212°F

Melting Point : N/A

Vapor Density (air=1) : N/A

Freezing Point : N/A

Specific Gravity (water=1) : 0.9890

pH: 11.8 (as is)

Vapor Pressure (mm Hg.) : N/A

Evaporation Rate (<or> 1) : >1

Volatiles by Weight (%) : >98

(Butyl Acetate =1)

Solubility in Water : Complete

Appearance/Odor: Colored, cloudy white, or clear liquid with a distinct ammonia odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (°F)/Method Used: Non-Flammable

Flammable Limits (LEL/UEL): LEL= 16% as NH₃ UEL= 27% as NH₃

Extinguishing Media: Carbon Dioxide, dry chemical, foam or water spray

Special Firefighting Procedures: If possible, cool containers by removing from fire area and spraying with water.

Unusual Fire and Explosion Hazards: Minimal fire and explosion hazard, if however, ammonia gas is evolved, it is flammable.

PRODUCT NAME- HOUSEHOLD AMMONIA

+++++
SECTION VII-- PRECAUTIONS FOR SAFE HANDLING AND USE

Spill or Leak Procedures:

Eye Protection-Avoid eye contact and wear protective safety goggles or a face shield.

Skin Protection-Avoid prolonged or repeated skin contact.
Wear protective gloves (rubber).

Respiratory Protection- Stay upwind of spill. Avoid breathing vapors. Use NIOSH approved respirator for ammonia gas. If ammonia vapors are greater than 300 ppm use self contained breathing apparatus with full face shield.

Handling: Do not mix with other household chemicals such as bleach, toilet bowl cleaner, wall or tile cleaner.

Storage: Store in cool, well ventilated area. Avoid direct sunlight and overheating. Plastic bottles will bulge with ammonia gas.

Normal Clean Up: Ventilate area. Flush away spilled product with water when vapors will permit.

Waste Disposal: Dilute with water and flush to sewer in accordance with federal, state, and local environmental regulations.

Other Precautions: None

+++++
SECTION VIII-- FIRST AID AND MEDICAL EMERGENCY PROCEDURES

Eyes: Flush with large amounts of water for at least 15 minutes.
Seek medical aid.

Skin: Flush with large amounts of water while removing contaminated clothing. If irritation persists seek medical aid.

Inhalation: Remove to fresh air. Provide symptomatic and supportive care. Seek medical aid.

Ingestion: Do not induce vomiting. Immediately give large amounts of water or milk to dilute. Seek medical aid.

+++++
SECTION IX-- OCCUPATIONAL CONTROL MEASURES

Respiratory Protection (type): See SECTION VII.

Ventilation: Exhaust system capable of removing ammonia fumes.

Protective Gloves: See SECTION VII.

Eye Protection: See SECTION VII.

Other Protective Clothing or Equipment: Aprons, coveralls, labcoats, or uniforms.

Work/Hygienic Practices: Launder work clothes when soiled. Provide local eye bath and emergency shower.