

MATERIAL SAFETY DATA SHEET

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SECTION I				
Product Identity (Name / Number)		AC-85 Ammoniated All Purpose Cleaner / 9585		
Chemical Family		Ammoniated Cleaning Compound. Corrosive liquids, n.o.s. (contains Sodium hydroxide solution), 8, UN1760, PGII.		
SECTION II - Hazardous Ingredients				
Hazardous Components	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Ammonia	50ppm	25ppm		Proprietary
2-Butoxyethanol	25ppm	25ppm		Proprietary
Sodium Hydroxide	2 mg/m ³	2 mg/m ³		Proprietary
SECTION III - Physical & Chemical Characteristics				
Boiling Point		Specific Gravity		1
Above 212°F		Melting Point		N/A
Vapor Pressure (mm Hg)		Evaporation Rate (Ethyl Ether=1)		Less than 1
N/A		Appearance / Odor		Clear Purple Liquid / Ammonia
pH				
12.5				
Solubility in Water				
Complete				
SECTION IV - Fire & Explosion Hazard Data				
Flammable Limits (Explosive Limit)		Upper:		N/A
		Lower:		N/A
Flash Point (Method Used)		Material is non-flammable.		
Extinguishing Media		Water spray, foam, carbon dioxide, or dry chemical may be used for surrounding fires.		
Special Fire Fighting Procedures		Wear self-contained breathing apparatus and full protective clothing.		
Unusual Fire and Explosion Hazards		Liberated flammable ammonia gas can be explosive under some conditions such as when added to concentrated mineral acids.		
SECTION V - Reactivity Data				
Stability:		Unstable		X Stable
Hazardous Polymerization:		X	Will Not Occur	
		May Occur		
Conditions To Avoid		Extreme temperature changes, contact with acids or oxidizing agents.		
Incompatibility (Materials to Avoid)		Acids, oxidizing material, copper aluminum, zinc, galvanized metals, gold, silver, and alloys of these metals.		
Hazardous Decomposition or Byproducts		Ammonia gas, oxides of nitrogen.		

SECTION VI(a) - Health Hazard Data

Inhalation	Vapors and liquids are corrosive. Irritant. Prolonged inhalation may cause respiratory damage. High concentrations may result in death.
Eye	Vapors and liquids are extremely corrosive to eyes. Severely irritating. Contact will cause damage which may be permanent and followed by blindness.
Skin	Vapors and liquids are corrosive. Severely irritating. Prolonged contact will burn tissue.
Ingestion	Vapors and liquids are extremely corrosive. Swallowing even small amounts can cause death.

Reported As Potential Carcinogen or Carcinogen

	International Agency for Research on Cancer	X	Not Applicable
	National Toxicology Program		OSHA

SECTION VI(b) - First Aid Procedures

Inhalation	Remove victim to fresh air. If not breathing, perform artificial respiration. Get immediate medical attention.
Eye	Immediately flush eyes with plenty of water for 30 minutes, while holding eyelids open. Get immediate medical attention.
Skin	Wash thoroughly with water for 30 minutes. Remove and wash contaminated clothing. Get immediate medical attention.
Ingestion	DO NOT induce vomiting. If conscious and alert, give large quantities of water. Get immediate medical attention.

SECTION VI(c) - Employee Protection

Respiratory Protection (Utilize NIOSH approved respirators. Refer to manufacturer's protection factors and OSHA standard 1910.134 as a guideline.) If TLV of product is exceeded, use NIOSH approved respirator, fully enclosed.

SPECIAL PROTECTION INFORMATION:

EYE	Chemical safety goggles or full face shield are required. Contact lenses should not be worn.
SKIN	Rubber gloves are required. If splashing is possible, wear rubber apron, pants and boots.
VENTILATION	Local exhaust ventilation capable of maintaining emission use levels below the PEL.
SPECIAL PROTECTION	Showers and eyewash facilities should be available in close proximity.

SECTION VII - Special Precautions

Handling and Storage	Store in dry, cool, well ventilated area away from incompatible materials.
Other Precautions	Keep container tightly closed when not in use. Do not use pressure to empty container.

SECTION VIII - Environmental Protection

Spills / Releases	See Section VI (c) - Employee Protection. Trained personnel wearing protective equipment should mop up spill. Neutralize with dilute mild acid. Notify authorities for spills of 100 gallons or more.
Waste Disposal Method	Neutralize alkalinity with sodium bicarbonate or dilute mild acid. Flush down drain with large amounts of water in accordance with applicable local, state and federal regulations.

DISCLAIMER

The information contained herein is based upon data available to us and reflects our best professional judgement. Since it is impossible to anticipate the conditions under which our products may be used, we cannot guarantee that the recommendations will be adequate for all individuals and situations. Each user of this product should determine the suitability of the product for his particular purpose and should comply with all federal, state and local regulations. Our goal is to manufacture products with zero or minimal hazards. Our products are improved daily as up-to-date information and research is received from our suppliers to use products with less or no hazards. Please feel free to contact us for current information.