

MATERIAL SAFETY DATA SHEET

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SECTION I				
Product Identity (Name / Number)		LAST DROP Rinsing & Drying Agent / 9682		
Chemical Family		Acidic Cleaning Compound		
SECTION II - Hazardous Ingredients				
Hazardous Components	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Isopropyl Alcohol	400ppm	400ppm		Proprietary
Acetic acid solution	N/E	N/E		Proprietary
Alcohol Ethylene & Propylene Oxide	N/E	N/E		Proprietary
Residual ethylene oxide	1ppm			0.001%
Residual propylene oxide	20ppm	20ppm		0.001%
SECTION III - Physical & Chemical Characteristics				
Boiling Point		Specific Gravity		1
Above 140°F				
Vapor Pressure (mm Hg)		Melting Point		N/A
N/A				
pH		Evaporation Rate (Ethyl Ether=1)		>1
N/A				
Solubility in Water		Appearance / Odor		Clear Blue Liquid / Alcohol
Complete				
SECTION IV - Fire & Explosion Hazard Data				
Flammable Limits (Explosive Limit)		Upper:		N/A
				N/A
Flash Point (Method Used)		Non-flammable.		
Extinguishing Media		Water fog, foam, dry chemical, carbon dioxide.		
Special Fire Fighting Procedures		Clear fire area of unprotected personnel. Do not enter confined area without full bunker gear including positive pressure self-contained breathing apparatus.		
Unusual Fire and Explosion Hazards		Contact with metals may produce flammable hydrogen gas. Containers exposed to heat should be cooled with water to prevent pressure buildup.		
SECTION V - Reactivity Data				
Stability:		Unstable		X Stable
Hazardous Polymerization:		X	Will Not Occur	
			May Occur	
Conditions To Avoid		Avoid heat, sparks, flame and contact with strong oxidizing agents.		
Incompatibility (Materials to Avoid)		Avoid strong oxidizing agents, metals (do not store in aluminum), cyanides, sulfides and oxides of nitrogen.		
Hazardous Decomposition or Byproducts		Carbon monoxide, carbon dioxide, irritating aldehydes and ketones and unidentified organic compounds may be formed during combustion.		

SECTION VI(a) - Health Hazard Data

Inhalation	May be irritating to nose, throat and respiratory tract.
Eye	Corrosive.
Skin	Severe irritant. Prolonged exposure may cause skin burns and ulceration.
Ingestion	Corrosive. May cause intense pain, nausea, vomiting and collapsing.

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 breathing is difficult, give oxygen. If not breathing, perform artificial respiration. Get medical attention.
Eye	Immediately flush eyes with plenty of water for at least 15 minutes, while holding eyelids open. Get medical attention.
Skin	Wash thoroughly with water for at least 15 minutes. Remove contaminated clothing. Get medical attention.
Ingestion	Do NOT induce vomiting. If victim is conscious and alert, give large quantities of water. Get 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 required.
SKIN	Chemical resistant gloves required, natural and butyl rubber gloves suggested
VENTILATION	Provide sufficient mechanical ventilation to maintain exposure below TLV's.
SPECIAL PROTECTION	Impervious clothing and boots may be worn to prevent skin contact. Showers and eyewash facilities should be in close proximity.

SECTION VII - Special Precautions

Handling and Storage	Store in cool, dry and well-ventilated area. Keep containers tightly closed. Excessive heat may cause pressure build-up.
Other Precautions	Not applicable.

SECTION VIII - Environmental Protection

Spills / Releases	Neutralize spill with lime or soda ash. Pick up the material by soaking an absorbent or other suitable way and flush area with water to remove trace of residue. CERCLA Reportable Quantity is 100Lb.
Waste Disposal Method	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 judgment. 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.