

# MATERIAL SAFETY DATA SHEET

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SECTION I				
<b>Product Identity (Name / Number)</b> MEAN & GREEN / 1091E				
<b>Chemical Family</b> Alkaline Non-Butyl Degreaser				
SECTION II - Hazardous Ingredients				
Hazardous Components	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Potassium Hydroxide	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>		proprietary
SECTION III - Physical & Chemical Characteristics				
<b>Boiling Point</b>	>200°F	<b>Specific Gravity</b>	1.0 - 1.1	
<b>Vapor Pressure (mm Hg)</b>	N/A	<b>Melting Point</b>	N/A	
<b>pH</b>	12	<b>Evaporation Rate (Ethyl Ether=1)</b>	Less than 1	
<b>Solubility in Water</b>	Complete	<b>Appearance / Odor</b>	Clear Liquid / Mild Detergent	
SECTION IV - Fire & Explosion Hazard Data				
<b>Flammable Limits (Explosive Limit)</b>	<b>Upper:</b>	N/A	<b>Lower:</b>	N/A
<b>Flash Point (Method Used)</b>	N/A			
<b>Extinguishing Media</b>	Non-Flammable. Use water spray to keep fire-exposed containers cool.			
<b>Special Fire Fighting Procedures</b>	Wear NIOSH/MSHA approved positive-pressure self-contained breathing apparatus and full protective clothing.			
<b>Unusual Fire and Explosion Hazards</b>	N/A			
SECTION V - Reactivity Data				
<b>Stability:</b>		<b>Unstable</b>	X	<b>Stable</b>
<b>Hazardous Polymerization:</b>	X	<b>Will Not Occur</b>		<b>May Occur</b>
<b>Conditions To Avoid</b>	Extreme temperatures,			
<b>Incompatibility (Materials to Avoid)</b>	Acids, aldehydes and other organic chemicals. Aluminum, tin, zinc, and alloys containing these metals.			
<b>Hazardous Decomposition or Byproducts</b>	Oxides of nitrogen and carbon, such as CO & CO <sub>2</sub> .			

**SECTION VI(a) - Health Hazard Data**

<b>Inhalation</b>	Causes irritation to the nose, throat and respiratory tract.
<b>Eye</b>	Corrosive to eyes.
<b>Skin</b>	Highly irritating and possibly corrosive to skin.
<b>Ingestion</b>	Generally considered to have a low order of actual oral toxicity, but corrosive to internal tissues.

**Reported As Potential Carcinogen or Carcinogen**

<b>International Agency for Research on Cancer</b>	X	<b>Not Applicable</b>
<b>National Toxicology Program</b>		<b>OSHA</b>

**SECTION VI(b) - First Aid Procedures**

<b>Inhalation</b>	Remove victim to fresh air and provide oxygen if breathing is difficult. Get medical attention.
<b>Eye</b>	Immediately flush eyes with plenty of water for at least 15 minutes, while holding eyelids open. Get medical attention.
<b>Skin</b>	Immediately flush skin with water. If irritation occurs, get medical attention.
<b>Ingestion</b>	If conscious and alert, give two glasses of water and seek medical attention. Do not induce vomiting.

**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.)** Use NIOSH approved respirator in confined or enclosed spaces, if needed.

**SPECIAL PROTECTION INFORMATION:**

<b>EYE</b>	Wear chemical goggles.
<b>SKIN</b>	Wear impermeable chemical resistant gloves and clothing.
<b>VENTILATION</b>	Use sufficient local exhaust to prevent breathing vapors.
<b>SPECIAL PROTECTION</b>	Eye wash fountains and safety showers should be available for emergencies.

**SECTION VII - Special Precautions**

<b>Handling and Storage</b>	Wear proper protective equipment. Avoid eye or skin contact. Do not inhale or ingest. Keep containers tightly closed. Store in shaded area away from acids. Do not store in aluminum containers.
<b>Other Precautions</b>	Do not mix with other chemicals.

**SECTION VIII - Environmental Protection**

<b>Spills / Releases</b>	Pick up spilled material by soaking an absorbent or other suitable way and flush area with water to remove trace of residue.
<b>Waste Disposal Method</b>	Dispose according to local, state and federal laws.

**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.