

# MATERIAL SAFETY DATA SHEET

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SECTION I			
<b>Product Identity (Name / Number)</b>		UNPLUGGED Drain Treatment & Maintenance / 9707	
<b>Chemical Family</b>		Bacterial Suspension	
SECTION II - Hazardous Ingredients			
Hazardous Components	OSHA PEL	ACGIH TLV	Other Limits Recommended
Linear Alcohol Ethoxylate		N/E	
Bacterial Cultures (suspended in water)		N/E	
Dye		N/E	
Chelating Agent		N/E	
Hydrolyzed Protein		N/E	
			% (optional)
			4 - 6%
			> 95%
			< 1%
			1-2%
			< 1%
SECTION III - Physical & Chemical Characteristics			
<b>Boiling Point</b>	100°C	<b>Specific Gravity</b>	1
<b>Vapor Pressure (mm Hg)</b>	N/A	<b>Melting Point</b>	N/A
<b>pH</b>	7-8	<b>Evaporation Rate (Ethyl Ether=1)</b>	Same as water
<b>Solubility in Water</b>	99%	<b>Appearance / Odor</b>	Green /Lemon
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>	Not determined (Aqueous solution)		
<b>Extinguishing Media</b>	No special requirements, water and foam are suitable		
<b>Special Fire Fighting Procedures</b>	No special firefighting requirements: however, self-contained breathing apparatus and protective clothing should be worn.		
<b>Unusual Fire and Explosion Hazards</b>	None known		
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>	Temperatures below 40°F or above 110°F.		
<b>Incompatibility (Materials to Avoid)</b>	Strong acids or alkali compounds may inactivate biological cultures.		
<b>Hazardous Decomposition or Byproducts</b>	N/A		

<b>SECTION VI(a) - Health Hazard Data</b>							
<b>Inhalation</b>	Can cause allergic type response upon repeated or prolonged exposure.						
<b>Eye</b>	Irritating to eyes						
<b>Skin</b>	Dermatitis and skin sensitization can develop after prolonged contact with skin. Organisms used are nonpathogenic but can cause infection when in contact with open wounds. These organisms are susceptible to many commonly-used antibiotics.						
<b>Ingestion</b>	No effect if ingested in small amounts. Single dose is rarely toxic by ingestion. Irritates mucous membranes.						
<b>Reported As Potential Carcinogen or Carcinogen</b>							
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"><b>International Agency for Research on Cancer</b></td> <td style="width: 10%; text-align: center;">X</td> <td style="width: 40%;"><b>Not Applicable</b></td> </tr> <tr> <td><b>National Toxicology Program</b></td> <td></td> <td><b>OSHA</b></td> </tr> </table>	<b>International Agency for Research on Cancer</b>	X	<b>Not Applicable</b>	<b>National Toxicology Program</b>		<b>OSHA</b>
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<b>SECTION VI(b) - First Aid Procedures</b>							
<b>Inhalation</b>	Remove victim to fresh air.						
<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>	Remove contaminated clothing and footwear. Wash skin with plenty of soap and water. Wash clothing and footwear before reuse.						
<b>Ingestion</b>	Drink water or milk to dilute. Induce vomiting only if advised by physician or poison control centers.						
<b>SECTION VI(c) - Employee Protection</b>							
<b>Respiratory Protection (Utilize NIOSH approved respirators. Refer to manufacturer's protection factors and OSHA standard 1910.134 as a guideline.)</b> Respirators are not required for this product.							
<b><u>SPECIAL PROTECTION INFORMATION:</u></b>							
<b>EYE</b>	Chemical type face shield recommended.						
<b>SKIN</b>	Minimize exposure in accordance with good hygiene practice.						
<b>VENTILATION</b>	General mechanical ventilation.						
<b>SPECIAL PROTECTION</b>	Eye wash fountains and safety showers should be available for emergencies						
<b>SECTION VII - Special Precautions</b>							
<b>Handling and Storage</b>	Prevent skin and eye contact. Store between 40-110°F.						
<b>Other Precautions</b>	Keep Out of Reach of Children						
<b>SECTION VIII - Environmental Protection</b>							
<b>Spills / Releases</b>	For small spills, flush to waste treatment sewer. Product is biodegradable. For large spills, contain and collect for reuse.						
<b>Waste Disposal Method</b>	Disposal of this product or its residues must be in accordance with all local, state and federal requirements.						

**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.