

MATERIAL SAFETY DATA SHEET

ARCOT Manufacturing Corporation
2950 Mowery Road
Houston, Texas 77045-4809

Emergency Telephone:
(713)413-9700
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SECTION I				
Product Identity (Name / Number)		BIO-TREAT Biological Cleaner / # 7709 or 7709SF		
Chemical Family		Nonpathogenic Bacterial Suspension		
SECTION II - Hazardous Ingredients				
Hazardous Components	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
None Known				
HMIS Hazard Rating Information:				
Health: 1 (Slight)				
Flammability: 0 (Minimal)				
Reactivity: 0 (Minimal)				
SECTION III - Physical & Chemical Characteristics				
Boiling Point	212°F	Specific Gravity	1	
Vapor Pressure (mm Hg)	N/A	Melting Point	N/A	
pH	7	Evaporation Rate (Ethyl Ether=1)	Same as water	
Solubility in Water	Appreciable	Appearance / Odor	#770 9: slightly hazy liquid / pleasant; #7709SF: opaque green / mint	
SECTION IV - Fire & Explosion Hazard Data				
Flammable Limits (Explosive Limit)	Upper:	N/A	Lower:	N/A
Flash Point (Method Used)	Not determined (Aqueous solution)			
Extinguishing Media	No special requirements; water, foam, carbon dioxide or dry chemical are suitable			
Special Fire Fighting Procedures	No special firefighting requirements; however, self-contained breathing apparatus and protective clothing should be worn.			
Unusual Fire and Explosion Hazards	None known			
SECTION V - Reactivity Data				
Stability:	Unstable		X	Stable
Hazardous Polymerization:	X	Will Not Occur	May Occur	
Conditions To Avoid	Temperatures below 40°F or above 100°F.			
Incompatibility (Materials to Avoid)	Strong acids or alkali compounds may inactivate biological cultures.			
Hazardous Decomposition or Byproducts	Oxides of Carbon			

SECTION VI(a) - Health Hazard Data							
Inhalation	Can cause allergic type response upon repeated or prolonged exposure.						
Eye	Irritating to eyes.						
Skin	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.						
Ingestion	Nausea, vomiting, or diarrhea may result from ingestion.						
Reported As Potential Carcinogen or Carcinogen							
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">International Agency for Research on Cancer</td> <td style="width: 10%; text-align: center;">X</td> <td style="width: 40%;">Not Applicable</td> </tr> <tr> <td>National Toxicology Program</td> <td></td> <td>OSHA</td> </tr> </table>	International Agency for Research on Cancer	X	Not Applicable	National Toxicology Program		OSHA
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SECTION VI(b) - First Aid Procedures							
Inhalation	Remove victim to fresh air.						
Eye	Immediately flush eyes with plenty of cool water for at least 15 minutes, while holding eyelids open. Get medical attention.						
Skin	Remove contaminated clothing and footwear. Wash skin with plenty of soap and water. Wash clothing and footwear before reuse.						
Ingestion	Obtain medical attention. If conscious and alert, give affected person several glasses of water and 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.) Respirators are not required for this product.							
<u>SPECIAL PROTECTION INFORMATION:</u>							
EYE	Chemical goggles are recommended specially if splashing or eye contact is possible.						
SKIN	Minimize exposure in accordance with good hygiene practice. Wear rubber gloves. Wash hands with soap and water after use.						
VENTILATION	General mechanical ventilation or local exhaust.						
SPECIAL PROTECTION	Eye wash fountains and safety showers should be available for emergencies						
SECTION VII - Special Precautions							
Handling and Storage	Prevent skin and eye contact. Store between 40-100°F.						
Other Precautions	Keep Out of Reach of Children						
SECTION VIII - Environmental Protection							
Spills / Releases	For small spills, flush to waste treatment sewer. Product is biodegradable. For large spills, contain and collect for reuse.						
Waste Disposal Method	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.