

# MATERIAL SAFETY DATA SHEET

ARCOT Manufacturing Corporation  
2950 Mowery Road  
Houston, Texas 77045

Emergency Telephone  
(713) 413-9700  
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SECTION I				
<b>Product Identity (Name / Number)</b>		BROWN-OUT Treatment For Carpet Browning / 1017M		
<b>Chemical Family</b>		Acid Cleaner – Corrosive liquids, n.o.s. (contains Phosphoric acid), 8, UN1760, PGIII. CORROSIVE.		
SECTION II - Hazardous Ingredients				
Hazardous Components	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Phosphoric Acid	3mg/m <sub>3</sub>	3mg/m <sub>3</sub>	TWA: 1 mg/m <sup>3</sup>	Proprietary
SECTION III - Physical & Chemical Characteristics				
<b>Boiling Point</b>	Above 212°F	<b>Specific Gravity @ 20°C/15.5 °C</b>		1.04
<b>Vapor Pressure (mm Hg)</b>	15 @ 104°F	<b>Melting Point</b>		N/A
<b>pH</b>	2	<b>Evaporation Rate (Butyl Acetate=1)</b>		Less than 1
<b>Solubility in Water</b>	Complete	<b>Appearance / Odor</b>		Clear Colorless / Odorless
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>	Material is nonflammable. Water spray or fog may be used for surrounding fires.			
<b>Special Fire Fighting Procedures</b>	Product is not flammable, but may react with metals to liberate hydrogen gas and phosphorous compound. Vapor is also a health hazard. Firefighters should be equipped with NIOSH approved respirators, fully enclosed.			
<b>Unusual Fire and Explosion Hazards</b>	Do not use welding or cutting torch on or near container because even residues can ignite explosively.			
SECTION V - Reactivity Data				
<b>Stability:</b>	Unstable	X	Stable	
<b>Hazardous Polymerization:</b>	X	Will Not Occur		May Occur
<b>Conditions To Avoid</b>	Excessive heat.			
<b>Incompatibility (Materials to Avoid)</b>	Avoid contact with alkali metals and strong alkalis. Acids react with most metals to release hydrogen gas which can form explosive mixtures with air.			
<b>Hazardous Decomposition or Byproducts</b>	May form phosphorous compounds.			

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

<b>Inhalation</b>	Irritating and corrosive to mucous membranes. Breathing mists may cause damage to nasal and respiratory passages. Overexposure may be harmful or fatal.
<b>Eye</b>	Even slight contact of the liquid with eyes will result in irritation, severe burns and possibly blindness.
<b>Skin</b>	Product is corrosive and will cause skin burns. It may not immediately cause burning upon skin contact. Burning sensation may be delayed. Treat immediately.
<b>Ingestion</b>	Swallowing will result in severe damage to mucous membranes, is harmful and may be fatal.

**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. If breathing is difficult, administer oxygen. If not breathing, perform artificial respiration. 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>	Remove contaminated clothing. Wash thoroughly with water for at least 15 minutes. Get medical attention.
<b>Ingestion</b>	DO NOT induce vomiting. If conscious and alert, give large quantities of water. Follow by administering milk. 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:**

<b>EYE</b>	Chemical safety goggles or full face shield required
<b>SKIN</b>	Use nitrile or neoprene impermeable gloves, clothing and boots.
<b>VENTILATION</b>	Provide sufficient mechanical ventilation to maintain exposure below TLV's.
<b>SPECIAL PROTECTION</b>	Impervious clothing and boots may be worn to prevent skin contact. Showers and eyewash facilities should be in close proximity.

**SECTION VII - Special Precautions**

<b>Handling and Storage</b>	Store in dry, cool area. Excessive heat may cause pressure build-up. Avoid contact with sulfides and sulfites. Do not store with strong alkaline or alkali metals. Never add water to acids. Always add acids to water.
<b>Other Precautions</b>	Avoid metals and strong alkalis. Do not mix with strong bases.

**SECTION VIII - Environmental Protection**

<b>Spills / Releases</b>	Untrained personnel and those without protective clothing should be removed from the spill area. Stop spill at source. Dike to prevent spreading. Pump to salvage tank. Cover area with sodium (bi)carbonate; mix with water to form slurry. Scoop up and wash site with soda ash solution. If 5000Lb. (CIRCLA RQ) or more are released into the environment, it must be reported to the national response center (1-800-424-8802)
<b>Waste Disposal Method</b>	Neutralize acidity with sodium carbonate. Flush residues 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 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.