

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)		D-13 Machine Dishwashing Compound / 9520		
Chemical Family		Alkaline Detergent.		
SECTION II - Hazardous Ingredients				
Hazardous Components	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Sodium Dichloroisocyanurate, Dihydrate	N/A	N/A	N/A	Proprietary
Disodium Trioxosilicate Pentahydrate	15mg/m ³	10mg/m ³		Proprietary
SECTION III - Physical & Chemical Characteristics				
Boiling Point	N/A	Specific Gravity	2	
Vapor Pressure (mm Hg)	N/A	Melting Point	N/A	
pH	11 (for 1% solution)	Evaporation Rate (Ethyl Ether=1)	Not Applicable	
Solubility in Water	Complete	Appearance / Odor	White Powder / Slightly Chlorinated	
SECTION IV - Fire & Explosion Hazard Data				
Flammable Limits (Explosive Limit)	Upper:	N/A	Lower:	N/A
Flash Point (Method Used)	Material is not combustible.			
Extinguishing Media	Not Applicable			
Special Fire Fighting Procedures	Water may be used for surrounding fires.			
Unusual Fire and Explosion Hazards	None			
SECTION V - Reactivity Data				
Stability:	Unstable		X	Stable
Hazardous Polymerization:	X	Will Not Occur	May Occur	
Conditions To Avoid	N/A			
Incompatibility (Materials to Avoid)	Keep solution away from strong acids.			
Hazardous Decomposition or Byproducts	None			

SECTION VI(a) - Health Hazard Data	
Inhalation	Material is corrosive to mucous membranes of the respiratory tract.
Eye	Corrosive to eyes. Can cause eye damage if not treated.
Skin	Corrosive to skin.
Ingestion	Material is corrosive to mucous membranes of the digestive tract.
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, seek medical attention.
Eye	Flush eyes with plenty of water for 15 minutes. Get immediate medical attention.
Skin	Remove contaminated clothing and flush with water for 15 minutes. If irritation persists, seek medical attention.
Ingestion	If conscious and alert, give large quantities of water. Do not induce vomiting. Seek medical attention immediately.
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.) During prolonged use, dust masks are recommended.	
<u>SPECIAL PROTECTION INFORMATION:</u>	
EYE	Wear goggles if eye contact is possible. Eyewash facilities should be in close proximity.
SKIN	Wear protective gloves if skin contact is possible.
VENTILATION	Adequate local exhaust ventilation required where dust may be generated.
SPECIAL PROTECTION	Soiled clothing must be washed and dried before reuse. Emergency shower facilities should be in close proximity.
SECTION VII - Special Precautions	
Handling and Storage	Store in dry, cool area. Do not store in aluminum containers. Avoid contact with acids.
Other Precautions	None
SECTION VIII - Environmental Protection	
Spills / Releases	Spilled material will cause slippery surfaces. Sweep spilled material. Neutralize residue with weak acid.
Waste Disposal Method	Dispose of 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 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.