Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY *(As Used on Label and List)* **CSM**	**Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.**
Section I	
Manufacturer's Name ARC Water Treatment Company of Maryland, Inc.	Emergency Telephone Numbers (800) 255-3924
Address *(Number, Street, City, State, and ZIP Code* *10620 Riggs Hill Road, Unit J* *Jessup, MD 20794*	Telephone Number for Information (800) 832-3260
	Date Prepared March 1, 2007
	Signature of Preparer *(optional)*

Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	*%(optional)*
Sodium Molybdate	3.0 gm/kg (Rats)			
Sodium Polyacrylate	(non-hazardous)			
Sodium Mercaptobenzothiazole	5.2 gm/kg (Rats)			
Potassium Hydroxide-	365 mg/kg (Rats)			
1- Hydroxyethylidine -1, 1- Diphosphonic Acid	3.0 gm/kg (Rats)			

Section III - Physical/Chemical Characteristics

Boiling Point	220 F+	Specific Gravity (H_2O = 1)	1.20
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate(Butyl Acetate = 1)	N/A
Solubility in Water	Complete		
Appearance and Odor	Clear, amber liquid		

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used) N/A	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media	Water spray, dry chemical, CO2		
Special Fire Fighting Procedures	Wear Self-contained breathing apparatus		
Unusual Fire and Explosion Hazards	May release sulfur dioxide and oxides of		
	Phosphorous at elevated temperatures.		

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid None
	Stable	X	
Incompatibility *(Materials to Avoid* None			
Hazardous Decomposition or Byproducts None			
HazardousPolymenzation	May Occur		Conditions to Avoid None
Hazardous Polymerization	Will NotOccur	X	

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? Yes	Skin? Yes	Ingestion? Yes
Health Hazards *(Acute and Chronic* Mucous membrane, eye irritations, skin rash			
Carcinogenicity:	NTP? No	IARC Monographs? NO	OSHA Regulated? No
Signs and Symptoms of Exposure Mucous membrane, eye irritation			
Medical Conditions Generally Aggravated by Exposure Chronic pulmonary disease, skin irritation			
Emergency and First Aid Procedures Inhalation: move to fresh air. Give oxygen for breathing difficulty. Eye: Flush at least 15 min. w/ cool water. If irritation persists, obtain medical attn. Skin: Flush w/ cool water. Wash or discard clothes. Ingestion: Drink 2-4 glasses of water or milk. **DO NOT INDUCE VOMITING**. Contact physician.			

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled: Dilute thoroughly with cold water. Flush to drain if permitted. If not, absorb on inert material, containerize, and dispose of in accordance with Federal, State, and local regulation.
Waste Disposal Method See Above
Precautions to Be taken in Handling and Storing Store in cool area away from heat sources.
Other Precautions None

Section VIII - Control Measures

Respiratory Protection *(Specify Type)* *Mist protective cartridges*		
Ventilation	Local Exhaust Yes	Special N/A
	Mechanical *(General)* *N/A*	Other N/A
Protective Gloves PVC or Neoprene	Eye Protection Goggles	
Other Protective Clothing or Equipment: Emergency shower and eye wash should be in immediate area.		
Work/Hygienic Practices		

* U.S.G.P.O.: 1986 - 491 - 529/45775