



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)	ARNIT	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.
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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	Telephone Number for Information (800) 832-3260
	Date Prepared March 01, 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 Nitrite	CAS 7632-00-0			
Borax 10 Mol	CAS 1303-96-4			
Tolyltriazole	CAS 64665-57-2			
* Dried material is an oxidizer and will support combustion				

Section III - Physical/Chemical Characteristics

Boiling Point 220 F+		Specific Gravity (H ₂ O = 1) 1.15	
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 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 nitrogen oxides at temperatures above 600			

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid None
	Stable	X	
Incompatibility (<i>Materials to Avoid</i>)			
Hazardous Decomposition or Byproducts			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? Yes	Skin? Yes	Ingestion? Yes
Health Hazards (<i>Acute and Chronic</i>) <i>Mucous membrane, eye irritation</i>			
Carcinogenicity:	NTP?	IARC Monographs?	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. Skin: flush with cool water. Wash or discard clothing. Ingestion: drink 2-4 glasses of water or mild. INDUCE VOMITING. Contact physician. Eyes: Flush at least 15 mins./w cool water. If irritation persists obtain medical attention.			

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 regulations.	
Waste Disposal Method	See above.
Precautions to Be taken in Handling and Storing:	Store in a cool area away from heat sources.

Other Precautions	None

Section VIII - Control Measures

Respiratory Protection (<i>Specify Type</i>)		
Ventilation	Local Exhaust	Special
	Mechanical (<i>General</i>)	Other
Protective Gloves		Eye Protection
Other Protective Clothing or Equipment		
Work/Hygienic Practices		