



# PMC WATER SYSTEMS SERVICES INC.

## 124 CONNIE CRES. UNIT 9 CONCORD, ONTARIO.

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### MATERIAL SAFETY DATA SHEET

#### R-1500-N

#### CATALYZED MOLYBDATE

**Protection Required**



### MATERIAL IDENTIFICATION AND USE

**Manufacturer's Name** : PMC Water Systems Services Inc.  
**Manufacturer's Address** : 124 Connie Crescent, Unit 9, Concord, ON L4K 1L7  
**Manufacturer's Phone #** : (905) 669-8262  
**24 Emergency Phone #** : Canutec (613) 996-6666  
**Product Identifier** : R-1500-N Catalyzed Molybdate  
**Product Use** : Test Reagent  
**WHMIS Class** : D2B [Poisonous]  
**TDG Class** : Class 8 Corrosive, UN 1830, PG II

### HAZARDOUS INGREDIENTS OF MATERIAL

Ingredients	Concentration	CAS #	LD <sub>50</sub>	LC <sub>50</sub>
Ammonium Molybdate	<5%	7631-95-0	250 mg/kg (rat oral)	No Data Available
Nitric Acid	10-30%	7697-37-2	>90 mL/kg (rat oral)	7 mg/L 1 h (rat inhalation)

The remaining ingredients are not classified as hazardous according to the DSL.

### PHYSICAL DATA FOR PRODUCT

**Physical State** : Liquid  
**Odour and Appearance** : Odourless, clear colourless  
**Odour Threshold** : None  
**Specific Gravity (Water = 1)** : 1.05 g/cc  
**Vapour Pressure (mmHg)** : 17  
**Vapour Density (Air = 1)** : 0.6  
**Evaporation Rate** : No Data Available  
**Boiling Point** : 101.6°C, 214.9°F  
**Freezing Point** : No Data Available  
**pH** : 0.8  
**Coefficient Water/Oil Distribution** : Not Applicable

### FIRE AND EXPLOSION HAZARD OF PRODUCT

**Flash Point And Method of Determination** : Not Flammable  
**Conditions of Flammability** :  
**Means of Extinction** : As per surrounding fire  
**Upper Explosion Limit** : Not Applicable  
**Lower Explosion Limit** : Not Applicable  
**Auto-Ignition Temperature** : Not Applicable  
**Hazardous Combustion Products** : Sulfur Oxides (SO<sub>x</sub>)

## REACTIVITY DATA

<b>Stability</b>	:	Stable
<b>Incompatible Materials</b>	:	Contact with incompatible substances. Contact with water. Extreme temperatures.
<b>Conditions of Reactivity</b>	:	Extreme heat
<b>Hazardous Decomposition Products</b>	:	See hazardous combustion products

## TOXICOLOGICAL PROPERTIES

<b>Routes of Entry</b>	:	
<b>Skin Contact</b>	:	Yes
<b>Skin Absorption</b>	:	Yes
<b>Eye Contact</b>	:	Yes
<b>Ingestion</b>	:	Yes
<b>Inhalation</b>	:	Yes
<b>Acute or Over Exposure Effects</b>	:	May cause gastrointestinal irritation. May cause burns of the mouth, esophagus and stomach.
<b>Chronic Exposure Effects</b>	:	Eye and skin condition
<b>Exposure Limit</b>	:	Not Applicable
<b>Irritancy</b>	:	Mild
<b>Sensitization</b>	:	No Data Available
<b>Carcinogenicity</b>	:	Not listed as a carcinogen
<b>Teratogenicity</b>	:	No Data Available
<b>Mutagenicity</b>	:	No Data Available
<b>Reproductive Effects</b>	:	No Data Available

## PREVENTATIVE MEASURES

<b>Personal Protective Equipment</b>	:	Use safety glasses and rubber gloves. Eye wash facility should be in close proximity.
<b>Respiratory Protection</b>	:	Not normally required
<b>Ventilation Requirements</b>	:	Ventilate adequately
<b>Spill and Leak Procedures</b>	:	Absorb with inert material. Neutralize with soda ash. Place in a closed container for disposal.
<b>Storage Requirements</b>	:	Avoid direct sunlight. Keep cool and dry.
<b>Special Handling Information</b>	:	Wash skin with soap

## FIRST AID MEASURES

In case of eye contact, immediately flush eyes with running fresh water for a minimum of 20 minutes. Hold eyelids open during flushing. Obtain medical attention immediately. Skin contact: remove contaminated clothing. Wash thoroughly with soap and water. Seek medical attention if irritation persists. Inhalation: Remove victim to fresh air. If irritation occurs, consult a physician. In case of ingestion, do not induce vomiting. Seek medical attention. Give diluted milk of magnesia. Drink a large amount of water. Never give anything by mouth to an unconscious person.

## PREPARATION INFORMATION

<b>Prepared By</b>	:	Lab Services PMC Water Systems Services Inc. 124 Connie Crescent, Unit 9 Concord, ON L4K 1L7
<b>Phone</b>	:	905-669-8262
<b>Fax</b>	:	905-669-8252
<b>Date Prepared</b>	:	August 11, 2015

While all the data presented is believed to be accurate at the time of preparation, PMC Water Systems Services Inc. makes no warranty; the data is offered for your consideration, investigation and verification.