



PMC WATER SYSTEMS SERVICES INC.

124 CONNIE CRES. UNIT 9 CONCORD, ONTARIO.

TEL 905 669 8262, FAX 905 669 8252, EMAIL pmcwater@aol.com, www.pmcwatersystems.com

MATERIAL SAFETY DATA SHEET R-520 PHOSPHONATE INDICATOR

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-500 and R-501 |
| Product Use | : | Test Reagent |
| WHMIS Class | : | Not Regulated |
| TDG Class | : | Not Regulated |

HAZARDOUS INGREDIENTS OF MATERIAL

| Ingredients | Concentration | CAS # | LD ₅₀ | LC ₅₀ |
|-------------|---------------|-------|------------------|------------------|
|-------------|---------------|-------|------------------|------------------|

None of the ingredients are classified as hazardous according to the DSL.

PHYSICAL DATA FOR PRODUCT

| | | |
|---|---|-------------------------|
| Physical State | : | Liquid |
| Odour and Appearance | : | Green liquid |
| Odour Threshold | : | Not Applicable |
| Specific Gravity (Water = 1) | : | 2 g/cc |
| Vapour Pressure (mmHg) | : | Not Applicable |
| Vapour Density (Air = 1) | : | Not Applicable |
| Evaporation Rate | : | Not Applicable |
| Boiling Point | : | Not Applicable |
| Freezing Point | : | Not Applicable |
| pH | : | 6.5 – 7.5 (1% Solution) |
| Coefficient Water/Oil Distribution | : | No Data Available |

FIRE AND EXPLOSION HAZARD OF PRODUCT

| | | |
|--|---|---|
| Flash Point And Method of Determination | : | Not Available |
| Conditions of Flammability | : | Not flammable |
| Means of Extinction | : | Dry chemical, carbon dioxide and foam |
| Upper Explosion Limit | : | Not Available |
| Lower Explosion Limit | : | Not Available |
| Auto-Ignition Temperature | : | Not Available |
| Hazardous Combustion Products | : | When product is involved in a fire, firefighters should wear full protective clothing and self-contained breathing apparatus if exposed to vapours or products of combustion. |

REACTIVITY DATA

| | | |
|----------------------------------|---|-------------------|
| Stability | : | Stable |
| Incompatible Materials | : | None Known |
| Conditions of Reactivity | : | No Data Available |
| Hazardous Decomposition Products | : | None Known |

TOXICOLOGICAL PROPERTIES

| | | |
|--------------------------------|---|---------------------------------------|
| Routes of Entry | : | |
| Skin Contact | : | Yes |
| Skin Absorption | : | Yes |
| Eye Contact | : | Yes |
| Ingestion | : | Yes |
| Inhalation | : | No |
| Acute or Over Exposure Effects | : | May cause gastrointestinal irritation |
| Chronic Exposure Effects | : | No Data Available |
| Exposure Limit | : | No Data Available |
| Irritancy | : | No Data Available |
| Sensitization | : | No Data Available |
| Carcinogenicity | : | None Known |
| Teratogenicity | : | None Known |
| Mutagenicity | : | None Known |
| Reproductive Effects | : | None Known |

PREVENTATIVE MEASURES

| | | |
|-------------------------------|---|---|
| Personal Protective Equipment | : | Safety glasses and rubber gloves |
| Respiratory Protection | : | Not normally required |
| Ventilation Requirements | : | Normal room ventilation |
| Spill and Leak Procedures | : | Dilute with water and flush into the sewer with abundant water. |
| Storage Requirements | : | Keep in a cool dry place |
| Special Handling Information | : | None |

FIRST AID MEASURES

Flush eyes with abundant water for 15 minutes. Call a physician. Wash skin with soap and water. In case of ingestion, give large amounts of water or milk. Induce vomiting. Call a physician.

PREPARATION INFORMATION

| | | |
|---------------|---|---|
| Prepared By | : | Lab Services PMC Water Systems Services Inc. 124 Connie Crescent, Unit 9 Concord, ON L4K 1L7 |
| Phone | : | 905-669-8262 |
| Fax | : | 905-669-8252 |
| Date Prepared | : | August 11, 2013 |

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.