



# PMC WATER SYSTEMS SERVICES INC.

124 CONNIE CRES. UNIT 9 CONCORD, ONTARIO.

TEL 905 669 8262, FAX 905 669 8252, EMAIL [pmcwater@aol.com](mailto:pmcwater@aol.com), [www.pmcwatersystems.com](http://www.pmcwatersystems.com)

## MATERIAL SAFETY DATA SHEET INHIBITED SULPHURIC ACID

### 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** : Inhibited Sulphuric Acid  
**Product Use** : Water Treatment  
**WHMIS Class** : [D2B] Toxic [E] Corrosive  
**TDG Class** : Corrosive Solid, NOS, Class 8, UN 1759, PG III

### HAZARDOUS INGREDIENTS OF MATERIAL

Ingredients	Concentration	CAS #	LD <sub>50</sub>	LC <sub>50</sub>
Sulphuric Acid	15-45%	7664-93-9	2140 mg/kg (rat)	No Data Available

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

### PHYSICAL DATA FOR PRODUCT

**Physical State** : Liquid  
**Odour and Appearance** : Odourless; Clear light brown  
**Odour Threshold** : No Data Available  
**Specific Gravity (Water = 1)** : 2.126 g/cc  
**Vapour Pressure (mmHg)** : Non-volatile  
**Evaporation Rate (Air = 1)** : Non-volatile  
**Boiling Point** : 209°C, 408.2°F  
**Freezing Point** : No Data Available  
**pH** : <1.0 (1%)  
**Coefficient Water/Oil Distribution** : No Data Available  
**Solubility in Water** : No Data Available

### FIRE AND EXPLOSION HAZARD OF PRODUCT

**Flash Point And Method of Determination** : No Data Available  
**Conditions of Flammability** : Not Flammable  
**Extinguishing Media** : Carbon dioxide, dry chemical, foam and water fog  
**Special Procedures** : Water solution of Sulphamic acid is strongly acidic  
**Upper Explosion Limit** : Not Applicable  
**Lower Explosion Limit** : Not Applicable  
**Auto-Ignition Temperature** : Not Applicable  
**Hazardous Combustion Products** : Burning can produce oxides of sulphur and ammonia

## REACTIVITY DATA

<b>Stability</b>	:	Stable
<b>Incompatible Materials</b>	:	Chlorine, hypochlorous acid, hypochlorite, cyanide or sulphur
<b>Conditions of Reactivity</b>	:	Excessive heat, sparks and open flame in the presence of oxidizing materials
<b>Hazardous Decomposition Products</b>	:	Burning can produce oxides of sulphur and ammonia

## TOXICOLOGICAL PROPERTIES

<b>Routes of Entry</b>	:	
<b>Skin Contact</b>	:	Irritant
<b>Skin Absorption</b>	:	None
<b>Eye Contact</b>	:	Causes eye burns
<b>Ingestion</b>	:	Causes irritation
<b>Inhalation</b>	:	Irritant
<b>Acute or Over Exposure Effects</b>	:	Corrosive to eyes, skin and mucous membranes
<b>Chronic Exposure Effects</b>	:	Burns on contact
<b>Exposure Limit</b>	:	No Data Available
<b>Irritancy</b>	:	Eyes, skin and respiratory tract
<b>Carcinogenicity</b>	:	Not Applicable
<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 rubber gloves, goggles or face shield and boots
<b>Ventilation Requirements</b>	:	Ventilate adequately
<b>Spill and Leak Procedures</b>	:	Wear appropriate breathing apparatus and protective clothing. Avoid generating excessive dust. Do not breathe dust. Avoid water contamination of the spilled material. Prevent runoff into drains. Sewers and other waterways. Place sweeping in an appropriate chemical waste container.
<b>Storage Requirements</b>	:	Cool and well ventilated area. Keep away from heat, sparks and open flames. Keep container closed when not in use. Store away from incompatible materials.

## FIRST AID MEASURES

Flush eyes with abundant water for 30 minutes. Hold eyes open during flushing. Do not transport victim until the recommended flushing period is completed unless flushing can be completed during transportation. Wash contaminated skin with water. In case of ingestion, give plenty of water. Do **not** induce vomiting. Get medical attention immediately.

## 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 4, 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.