



**PMC WATER SYSTEMS SERVICES INC.**  
**124 CONNIE CRES. UNIT 9 CONCORD, ONTARIO.**

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**MATERIAL SAFETY DATA SHEET**  
**ANTIFOAM-S-20**

**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** : Antifoam-S-20  
**Product Use** : Silicone Antifoam Water Emulsion  
**WHMIS Class** : Not WHMIS Regulated  
**TDG Class** : Not TDG Regulated

**HAZARDOUS INGREDIENTS OF MATERIAL**

<b>Ingredients</b>	<b>Concentration</b>	<b>CAS #</b>	<b>Limits (TLV)</b>
Hydrophobic Silica	10-30%	67762-90-7	6 mg/m <sup>3</sup>

**PHYSICAL DATA FOR PRODUCT**

**Physical State** : Liquid  
**Odour and Appearance** : Mild Odour, Opaque White to Off-White  
**Odour Threshold** : No Data Available  
**Specific Gravity (Water = 1)** : 1.0  
**Vapour Pressure (mmHg)** : <20 mmHg @ 20°C, 68°F  
**Vapour Density (Air = 1)** : >1.0  
**Evaporation Rate** : <0.1 (Butyl Acetate = 1)  
**Boiling Point** : Approximately 100°C, 212°F  
**pH** : 7.0 – 8.5  
**Coefficient Water/Oil Distribution** : No Data Available

**FIRE AND EXPLOSION HAZARD OF PRODUCT**

**Flash Point And Method of Determination** : 99.3°C, 200°F  
**Conditions of Flammability** : Not Available  
**Means of Extinction** : Foam, carbon dioxide, dry chemical, water spray  
**Upper Explosion Limit** : Not Applicable  
**Lower Explosion Limit** : Not Applicable  
**Auto-Ignition Temperature** : No Data Available  
**Hazardous Combustion Products** : Carbon Monoxide / Carbon Dioxide

## REACTIVITY DATA

<b>Stability (Normal Conditions)</b>	:	Stable
<b>Incompatible Materials</b>	:	Strong oxidizing agents
<b>Decomposition Products</b>	:	Carbon and silicon oxides upon combustion

## TOXICOLOGICAL PROPERTIES

<b>Routes of Entry</b>	:	
<b>Eye Contact</b>	:	Will cause temporary discomfort, redness
<b>Skin Contact</b>	:	Primary Route: Dermal. Prolonged contact may cause irritation
<b>Inhalation</b>	:	Mists and vapours may be irritating to mucous membranes
<b>Oral</b>	:	LD <sub>50</sub> not established; effects include headache, nausea and fatigue
<b>Chronic Exposure Effects</b>	:	No Data Available
<b>Exposure Limit</b>	:	No Data Available
<b>Irritancy</b>	:	Moderate; causes vomiting and diarrhea
<b>Sensitization</b>	:	No Data Available
<b>Carcinogenicity</b>	:	No Data Available
<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>	:	Chemical goggles or safety glasses
<b>Respiratory Protection</b>	:	Use with adequate ventilation
<b>Ventilation Requirements</b>	:	Provide local exhaust
<b>Spill and Leak Procedures</b>	:	Dike and reclaim as much spilled material as possible. Cover spill residue with absorbent material and shovel into closable containers. Do not flush away to sewers or any natural water ways. Incinerate or landfill in accordance with federal and local regulations.
<b>Storage Requirements</b>	:	Storage temperature above 10°C, 50°F

## FIRST AID MEASURES

Flush eyes with water for 15 minutes. Seek medical attention if irritation persists. Wash skin with soap and flush with water for 15 minutes. Obtain medical attention if irritation develops. If inhalation occurs, move to fresh air. If ingested, drink 2 to 3 glasses of water. Get immediate medical attention.

## PREPARATION INFORMATION

<b>Prepared By</b>	:	Lab Services PMC Water Systems Services Inc. 124 Connie Crescent, Unit 9 Concord, ON L4K 1L7
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<b>Date Prepared</b>	:	August 7, 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.