



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

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MATERIAL SAFETY DATA SHEET
ANTIFOAM-S-100

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-100
Product Use : Silicone Antifoam Water Emulsion
WHMIS Class : Not WHMIS Regulated
TDG Class : Not TDG Regulated

HAZARDOUS INGREDIENTS OF MATERIAL

Ingredients	Concentration	CAS #	Limits (TLV)
Hydrophobic Silica	60-100%	67762-90-7	6 mg/m ³

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

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

TOXICOLOGICAL PROPERTIES

Routes of Entry	:	
Eye Contact	:	Will cause temporary discomfort, redness
Skin Contact	:	Primary Route: Dermal. Prolonged contact may cause irritation
Inhalation	:	Mists and vapours may be irritating to mucous membranes
Oral	:	LD ₅₀ not established; effects include headache, nausea and fatigue
Chronic Exposure Effects	:	No Data Available
Exposure Limit	:	No Data Available
Irritancy	:	Moderate; causes vomiting and diarrhea
Sensitization	:	No Data Available
Carcinogenicity	:	No Data Available
Teratogenicity	:	No Data Available
Mutagenicity	:	No Data Available
Reproductive Effects	:	No Data Available

PREVENTATIVE MEASURES

Personal Protective Equipment	:	Chemical goggles or safety glasses
Respiratory Protection	:	Use with adequate ventilation
Ventilation Requirements	:	Provide local exhaust
Spill and Leak Procedures	:	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.
Storage Requirements	:	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

Prepared By	:	Lab Services PMC Water Systems Services Inc. 124 Connie Crescent, Unit 9 Concord, ON L4K 1L7
Phone	:	905-669-8262
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Date Prepared	:	July 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.