

MATERIAL SAFETY DATA SHEET

Aquatower 190

PRODUCT INFORMATION

Product Name: Aquatower 190
 General/Generic Name: COOLING TREATMENT BLEND
 Product Use: PRE FILM CORROSION INHIBITOR
 TDG Hazard Classification: CORROSIVE LIQUIDS, BASIC INORGANIC N.O.S. (POTASSIUM HYDROXIDE), CLASS 8, UN 3266, PKG GRP III
 WHMIS Classification: D;2B;E

Vendor Name and Address: Alliance Water Group INC.
 1 Yonge Street Suite# 1801 Toronto, ON M5E 1W7
 416-306-2480
 24 HOUR EMERGENCY PHONE NUMBER CANUTEC 613-996-6666

HAZARDOUS INGREDIENTS

Ingredient	%W/W	TLV	CAS.NO.	LD50	LC50
POTASSIUM HYDROXIDE	1-5	5mg/m3	1310-58-3	ND	ND
SODIUM MOLYBDATE	5-25	2mg/m3	7631-95-0	ND	ND
SODIUM NITRITE	5-10	NA	7632-00-0	ND	ND

PHYSICAL DATA

Physical State: LIQUID
 Appearance & Odour: CLEAR YELLOW LIQUID, MUSTY ODOUR
 Odour Threshold: NA
 Specific Gravity: 1.17
 Vapour Pressure: 18 MM
 Vapour Density: 2 GR/LITRE
 pH: >13.0
 Evaporation Rate: ND
 Initial Boiling Point: 100° C
 Water Solubility: COMPLETE
 Freezing Point: 0° C

PREVENTIVE MEASURES

Protective Equipment To Be Used: CHEMICAL GOGGLES, APRONS
 Respiratory Protection: WHEN MISTING OCCURS
 Ventilation: NORMAL AIR FLOW
 Protective Gloves: YES, RUBBER OR VINYL
 Eye Protection: SAFETY GLASSES, GOGGLES
 Other Protective Measures: APRONS, BOOTS, ETC.

FIRST AID MEASURES

Skin Contact: WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS CONSULT PHYSICIAN.
 Eye Contact: RINSE THOROUGHLY WITH WATER. IF IRRITATION PERSISTS CONSULT PHYSICIAN.
 Inhalation: REMOVE TO FRESH AIR.
 Ingestion: DRINK LARGE QUANTITIES OF FLUIDS, CONSULT PHYSICIAN IF IRRITATION PERSISTS.

REACTIVITY DATA

Stability: STABLE
 Incompatibility: ALUMINUM, ZINC, ETC.
 Hazardous Decomposition Products: HYDROGEN
 Hazardous Polymerization: ND
 Conditions to Avoid: CONTACT WITH SOFT METALS

TOXICOLOGICAL PROPERTIES

Threshold Limit Value: ND
 Effects of Acute Exposure: IRRITATION TO EYES AND SKIN
 Skin Contact: IRRITATION
 Skin Absorption: NO
 Eye Contact: TRANSIENT SEVERE IRRITATION
 Inhalation: IRRITATION OF MUCOUS MEMBRANES
 Ingestion: G.I. TRACT UPSET
 Effect of Chronic Exposure: DRY SKIN
 Irritancy of Product: MODERATE IRRITANT
 Carcinogenicity: ND
 Sensitization to Material: ND
 Reproduction Toxicity: ND
 Teratogenicity: ND
 Mutagenicity: ND

FIRE OR EXPLOSION HAZARD

Flash Point: NONE
 Flammable Limits: NA
 Auto-Ignition Temp: NA
 Extinguishing Media: NA
 Special Firefighting Procedure: NA
 Explosion Data: NA
 Hazardous Combustion Products: OXIDES OF NITROGEN, CARBON AND PHOSPHORUS

SPILL OR LEAK PROCEDURES

Steps To Be Taken In Case Material Is Released or Spilled: CONTAIN SPILL, ABSORB ONTO INERT MATERIAL.
 Waste Disposal Information: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, PROVINCIAL AND FEDERAL GOVERNMENT REGULATIONS.
 Handling and Storage Conditions: STORE IN COOL DRY PLACE. KEEP CONTAINERS CLOSED WHEN NOT IN USE.

PREPARATION INFORMATION

Date Prepared: May 3, 2000 Date Revised: July 14, 2016
 Prepared By: Lab Personnel NA Not Applicable ND No Data Available
 Phone: (416) 306-2480 NE None Established NR Not Regulated

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