

MATERIAL SAFETY DATA SHEET

PRODUCT INFORMATION

Product Name: Aquamine 406
 General/Generic Name: AMINES
 Product Use: TO TREAT CONDENSATE
 TDG Hazard Classification: AMINES LIQUIDS, CORROSIVE N.O.S. (MORPHOLINE) CLASS 8,
 UN 2735, PKG GRP III
 WHMIS Classification: D,2B;E;B3

Aquamine 406

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
MORPHOLINE	20-60	2mg/m3	110-91-8	ND	ND

PHYSICAL DATA

Physical State: LIQUID
 Appearance & Odour: COLOURLESS LIQUID, AMINE
 ODOUR
 Odour Threshold: ND
 Specific Gravity: 1.0
 Vapour Pressure: 28 MM
 Vapour Density: 2g/LITRE
 pH: 12.5
 Evaporation Rate: SAME AS WATER
 Initial Boiling Point: 95° C
 Water Solubility: COMPLETE
 Freezing Point: <0° C

PREVENTIVE MEASURES

Protective Equipment To Be Used: USUALLY NONE REQUIRED
 Respiratory Protection: NONE REQUIRED
 Ventilation: NORMAL AIR FLOW
 Protective Gloves: NONE
 Eye Protection: SAFETY GLASSES
 Other Protective Measures: NONE

FIRST AID MEASURES

Skin Contact: WASH WITH SOAP AND WATER.
 Eye Contact: RINSE EYES WITH PLENTY OF WATER, SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.
 Inhalation: MOVE TO FRESH AIR.
 Ingestion: DRINK PLENTY OF WATER OR MILK.

REACTIVITY DATA

Stability: STABLE
 Incompatibility: NONE THAT CAUSE HAZARDS
 Hazardous Decomposition Products: NONE
 Hazardous Polymerization: NONE
 Conditions to Avoid: NONE THAT CAUSE HAZARDS

TOXICOLOGICAL PROPERTIES

Threshold Limit Value: ND
 Effects of Acute Exposure: DRY SKIN
 Skin Contact: MAY CAUSE DRY SKIN
 Skin Absorption: NONE
 Eye Contact: TRANSIENT SEVERE IRRITATION
 Inhalation: IRRITATION TO MUCOUS MEMBRANES
 Ingestion: G.I. TRACT IRRITATION
 Effect of Chronic Exposure: NONE
 Irritancy of Product: IRRITANT TO SKIN AND EYES
 Carcinogenicity: ND
 Sensitization to Material: NONE
 Reproduction Toxicity: ND
 Teratogenicity: ND
 Mutagenicity: ND

FIRE OR EXPLOSION HAZARD

Flash Point: >200° F
 Flammable Limits: ND
 Auto-Ignition Temp: ND
 Extinguishing Media: FOAM, WATER, CO2
 Special Firefighting Procedure: CONTAINERS MAY EXPLODE IF HEATED
 Explosion Data: NONE APPLICABLE
 Hazardous Combustion Products: OXIDES OF CARBON AND NITROGEN

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.

PREPARATION INFORMATION

Date Prepared:	July 23, 1995	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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