

## MATERIAL SAFETY DATA SHEET

### Aquamine 405

#### PRODUCT INFORMATION

Product Name: Aquamine 405  
 General/Generic Name: AMINES  
 Product Use: TO TREAT CONDENSATE  
 TDG Hazard Classification: AMINES LIQUID, CORROSIVE N.O.S. (DIETHYLAMINOETHANOL) CLASS 8,  
 UN 2735, PKG GRP III  
 WHMIS Classification: D,2B;E;B3

#### 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
DIETHYLAMINOETHANOL	5-30	2mg/m3	100-37-8	NA	NA

#### 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: 98 °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: MILD 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 1, 1996	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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