

## MATERIAL SAFETY DATA SHEET

### SECTION 1 - PRODUCT IDENTIFICATION

**Product name** MIURA C414 **Chemical family**

**Product use** COOLING WATER TREATMENT

**Supplier** **MIURA** **Emergency Telephone #: 613-996-6666**  
8 Copernicus Blvd.  
Brantford, ON N3P 1Y4  
Tel: 519-758-8111

### SECTION 2 - INGREDIENTS

INGREDIENTS	CAS #	%	LC50 ppm (Rat, Inhal)	LD50 ppm (Rat, Oral)
POLY[OXYETHYLENE(DIMETHYLIMINIO) ETHYLENE(	31075-24-8	10-30	26.4	3700

### SECTION 3 - PHYSICAL DATA

**Boiling Point:** < 110 (Deg C) **Specific Gravity:** 1.01

**Vapor pressure:** N/A **Evaporation rate:** N/A

**Vapor density:** N/A **Solubility in water:** COMPLETE

**Volatiles in %:** 80 **Freezing point:** 0 Deg C

**pH:** 7.0 **Auto-ignition temperature:** N/A

**Coefficient of water/oil distribution:** N/A

**Appearance and odor:** CLEAR BROWN SOLUTION WITH A SLIGHT ODOUR.

**Odor Threshold:** N/A

### SECTION 4 - FIRE AND EXPLOSION DATA

**Flash Point (method):** N/A **LEL:** N/A **UEL:** N/A

**Extinguishing media:** WATER FOG; CARBON DIOXIDE; FOAM ; DRY CHEMICAL

**Special fire fighting instructions:** NONE.

**Unusual fire and explosion hazards:** NONE.

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### SECTION 5 - REACTIVITY DATA

**Stability:** Stable

**Incompatibility:** NONE.

**Hazard decomposition products:** NONE.

**Polymerisation** Will not occur

### SECTION 6 - HEALTH HAZARD INFORMATION

**ROUTES OF EXPOSURE AND ACUTE EFFECTS**

**Exposure limit:** N/A

**Inhalation:** Not Regulated. Regulated under P.C.P.

**Skin:** NO HAZARD.

**Eyes:** MAY CAUSE SOME IRRITATION.

**Ingestion:** IRRITATING TO THE EYES.

**Chronic effects:** MAY CAUSE IRRITATION.

### FIRST AID

**Inhalation:**

**Skin:** REMOVE TO FRESH AIR.

**Eye:** FLUSH WITH WATER. SEE A PHYSICIAN IF IRRITATION PERSISTS.

**Ingestion:** FLUSH WITH CLEAN COOL WATER FOR 15 MINUTES AND SEE A PHYSICIAN IF IRRITATION OCCURS

### SECTION 7 - SPILL, LEAK, AND DISPOSAL PROCEDURES

**Spill, leak or release:** DRINK PLENTY OF WATER AND SEEK MEDICAL ATTENTION IMMEDIATELY.

**Waste disposal:**

DYKE AREA TO PREVENT SPILL FROM ENTERING FISH BEARING WATERS.

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### SECTION 8 - SPECIAL PROTECTION INFORMATION]

**Respiratory protection** IN ACCORDANCE WITH FEDERAL AND LOCAL REGULATIONS.

**Ventilation:** NONE REQUIRED.

**Protective Gloves:** General ventilation

**Eye protection:** RUBBER.

**Other protective equipment:** CHEMICAL GOGGLES.

### SECTION 9 - SPECIAL PRECAUTIONS

**Storage and handling conditions:** NONE REQUIRED.

### SECTION 10 - SPECIAL SHIPPING REQUIREMENTS

**Proper shipping name:** KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP FROM FREEZING.

**P.I.N #** NON-HAZARDOUS MATERIAL

**Prepared by:** Mike Wiens

**Preparation date:** 12/21/2009