


## MATERIAL SAFETY DATA SHEET

### SECTION 1 - PRODUCT IDENTIFICATION

<b>Product name</b>	MIURA B108	<b>Chemical family</b>
<b>Product use</b>	BOILER WATER TREATMENT	
<b>Supplier</b>	 8 Copernicus Blvd. Brantford, ON N3P 1Y4 Tel: 519-758-8111	<b>Emergency Telephone #: 613-996-6666</b>

### SECTION 2 - INGREDIENTS

INGREDIENTS	CAS #	%	LC50 ppm (Rat, Inhal)	LD50 ppm (Rat, Oral)
SODIUM HYDROXIDE	1310-73-2	7-13	N/A	N/A
SODIUM POLYACRYLATE		1-5	N/A	N/A
SODIUM SULFITE	7757-83-7	3-7	N/A	N/A
SODIUM LIGNOSULFONATE	8061-51-6	1-5	N/A	N/A
MORPHOLINE	110-91-8	3-7	12000	1050

### SECTION 3 - PHYSICAL DATA

<b>Boiling Point:</b>		<b>Specific Gravity:</b>	<
<b>Vapor pressure:</b>	00110	<b>Evaporation rate:</b>	(Deg C 1.09
<b>Vapor density:</b>	N/A	<b>Solubility in water:</b>	N/A
<b>Volatiles in %:</b>		<b>Freezing point:</b>	VERY S 95
<b>pH:</b>	N/A	<b>Auto-ignition temperature:</b>	
<b>Coefficient of water/oil distribution:</b>	0.0		
<b>Appearance and odor</b>	Deg C		
<b>Odor Threshold:</b>	N/A		

### SECTION 4 - FIRE AND EXPLOSION DATA

<b>Flash Point (method):</b>	13	N/A	A CLEAR BROW	<b>LEL:</b>	N/A	<b>UEL:</b>
<b>Extinguishing media:</b>	N/A					
<b>Special fire fighting instructions.</b>	N/A					
<b>Unusual fire and explosion hazards:</b>	n/a					

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### SECTION 5 - REACTIVITY DATA

**Stability:** NON-COMBUSTIBLE

**Incompatibility:** NONE

**Hazard decomposition products:** AVOID CONTACT WITH ZINC OR ALUMINUM AS EXPLOSIVE HYDROGEN WILL EVOLVE.

**Polymerisation** Stable

### SECTION 6 - HEALTH HAZARD INFORMATION

**ROUTES OF EXPOSURE AND ACUTE EFFECTS**

**Exposure limit:** STRONG NONE

**Inhalation:** Will not occur

**Skin:** N/A

**Eyes:**

**Ingestion:**

**Chronic effects:** PROLONGED EXPOSURE MAY CAUSE NAUSEA AND VOMITING AND HEADACHES.

### FIRST AID

**Inhalation:** MODERATELY CORROSIVE TO SKIN.

**Skin:** CORROSIVE TO EYES.

**Eye:** CONSIDERED HARMFUL.

**Ingestion:** NONE DETERMINED.

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

**Spill, leak or release:** REMOVE VICTIM TO FRESH AIR ASSIST BREATHING IF NECESSARY. GET MEDICAL ATTENTION IF IRRITATION PERSISTS

**Waste disposal:** FLUSH SKIN WITH LOTS OF WATER. REMOVE CONTAMINATED CLOTHING AND OBTAIN MEDICAL ATTENTION IF IRRITATION PERSISTS.

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### SECTION 8 - SPECIAL PROTECTION INFORMATION]

**Respiratory protection** FLUSH EYES THOROUGHLY WITH WATER FOR 15 MINUTES. GET IMMEDIATE MEDICAL ATTENTION.

**Ventilation:** DRINK SEVERAL GLASSES OF WATER AND OBTAIN IMMEDIATE MEDICAL ATTENTION.

**Protective Gloves:** DYKE TO CONTAIN AND ABSORB ON INERT ABSORBANT SUCH AS SAND OR EARTH.

**Eye protection:** DISCHARGE ABSORBANT IN ACCORDANCE WITH LOCAL LANDFILL REGULATION FOR HAZARDOUS WASTE.

**Other protective equipment:**

### SECTION 9 - SPECIAL PRECAUTIONS

**Storage and handling conditions:** General ventilation

### SECTION 10 - SPECIAL SHIPPING REQUIREMENTS

**Proper shipping name:** RUBBER GLOVES.

**P.I.N #** CHEMICAL GOGGLES OR FACE SHIELD.

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**Preparation date:** 01/01/2007