


## MATERIAL SAFETY DATA SHEET

### SECTION 1 - PRODUCT IDENTIFICATION

<b>Product name</b>	Miura B138	<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 METABISULFITE	7681-57-4	15-40	N/A	115

### SECTION 3 - PHYSICAL DATA

<b>Boiling Point:</b>	< 110 (Deg C)	<b>Specific Gravity:</b>	1.30
<b>Vapor pressure:</b>	N/A	<b>Evaporation rate:</b>	N/A
<b>Vapor density:</b>	N/A	<b>Solubility in water:</b>	VERY SOLUBLE
<b>Volatiles in %:</b>	75	<b>Freezing point:</b>	5.0 Deg C
<b>pH:</b>	6.0	<b>Auto-ignition temperature:</b>	N/A
<b>Coefficient of water/oil distribution:</b> N/A			
<b>Appearance and odor</b>	HAZY YELLOW LIQUID WITH A MILD ODOUR.		
<b>Odor Threshold:</b>	N/A		

### SECTION 4 - FIRE AND EXPLOSION DATA

<b>Flash Point (method):</b>	N/A	<b>LEL:</b>	N/A	<b>UEL:</b>	N/A
<b>Extinguishing media:</b>	NON-COMBUSTIBLE.				
<b>Special fire fighting instructions.</b>	NONE.				
<b>Unusual fire and explosion hazards:</b>	NONE.				

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### SECTION 5 - REACTIVITY DATA

**Stability:** Stable

**Incompatibility:** STRONG ACIDS.

**Hazard decomposition products:** SULFUR DIOXIDE FUMES.

**Polymerisation** Will not occur

### SECTION 6 - HEALTH HAZARD INFORMATION

**ROUTES OF EXPOSURE AND ACUTE EFFECTS**

**Exposure limit:** N/A

**Inhalation:** MAY CAUSE MILD IRRITATION.

**Skin:** MAY CAUSE MILD IRRITATION.

**Eyes:** MAY CAUSE SEVERE IRRITATION.

**Ingestion:** MAY CAUSE SERIOUS IRRITATION TO THE DIGESTIVE SYSTEM.

**Chronic effects:** NONE DETERMINED.

### FIRST AID

**Inhalation:** REMOVE VICTIM TO FRESH AIR.

**Skin:** FLUSH WITH WATER AND OBTAIN MEDICAL AID IF IRRITATION PERSISTS.

**Eye:** FLUSH WITH WATER FOR 15 MINUTES AND OBTAIN MEDICAL ATTENTION IMMEDIATELY.

**Ingestion:** DRINK LOTS OF WATER AND GET IMMEDIATE MEDICAL ATTENTION.

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

**Spill, leak or release:** DYKE TO CONTAIN SPILL AND SOAK UP ON INERT ABSORBANT.

**Waste disposal:**  
IN ACCORDANCE WITH FEDERAL AND LOCAL REGULATIONS.

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### SECTION 8 - SPECIAL PROTECTION INFORMATION]

**Respiratory protection****Ventilation:** General ventilation**Protective Gloves:** RUBBER OR PLASTIC.**Eye protection:** CHEMICAL GOGGLES AND/OR FACE SHIELD.**Other protective equipment:** CHEMICAL RESISTANT APRON.

### SECTION 9 - SPECIAL PRECAUTIONS

**Storage and handling conditions:** AVOID FREEZING. KEEP CONTAINER CLOSED WHEN NOT IN USE.

### SECTION 10 - SPECIAL SHIPPING REQUIREMENTS

**Proper shipping name:** CORROSIVE LIQUID N.O.S.**P.I.N #** 1760**Prepared by:** Mike Wiens**Preparation date:** 12/21/2009