

## MATERIAL SAFETY DATA SHEET

### SECTION 1 - PRODUCT IDENTIFICATION

**Product name** MIURA B136F **Chemical family**

**Product use** BOILER 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)
SODIUM HYDROXIDE	1310-73-2	5-10	N/A	N/A
SODIUM METABISULFITE	7681-57-4	15-40	N/A	115

### SECTION 3 - PHYSICAL DATA

**Boiling Point:** < 115 (Deg C) **Specific Gravity:** 1.306

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

**Vapor density:** N/A **Solubility in water:** VERY SOLUBLE

**Volatiles in %:** 68 **Freezing point:** 5 Deg C

**pH:** 6.0 **Auto-ignition temperature:** N/A

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

**Appearance and odor:** HAZY TAN LIQUID WITH A MILD ODOUR.

**Odor Threshold:** N/A

### SECTION 4 - FIRE AND EXPLOSION DATA

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

**Extinguishing media:** NON-COMBUSTIBLE.

**Special fire fighting instructions:** NONE.

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

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### SECTION 5 - REACTIVITY DATA

**Stability:** Stable **Incompatibility:** 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:**

**Skin:** MAY CAUSE MILD IRRITATION.

**Eyes:** MILD IRRITANT.

**Ingestion:** CAUSES SEVER IRRITATION.

**Chronic effects:** MAY CAUSE IRRITATION TO THE DIGESTIVE SYSTEM.

### FIRST AID

**Inhalation:** NONE DETERMINED.

**Skin:** REMOVE VICTIM TO FRESH AIR. OBTAIN MEDICAL AID IF IRRITATION PERSISTS.

**Eye:** FLUSH WITH WATER AND GET MEDICAL ATTENTION FOR IRRITATION.

**Ingestion:** FLUSH WITH WATER FOR 15 MINUTES AND GET IMMEDIATE MEDICAL ATTENTION.

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

**Spill, leak or release:** DRINK PLENTY OF WATER AND GET IMMEDIATE MEDICAL ATTENTION.

**Waste disposal:**

DYKE TO CONTAIN SPILL. SOAK UP ON INERT ABSORBANT. SHOVEL INTO DISPOSAL CONTAINER

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### SECTION 8 - SPECIAL PROTECTION INFORMATION]

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

**Ventilation:** DUSK MASK.

**Protective Gloves:** General ventilation

**Eye protection:** RUBBER OR PLASTIC.

**Other protective equipment:** CHEMICAL SAFETY GOGGLES AND/OR FACE SHIELD.

### SECTION 9 - SPECIAL PRECAUTIONS

**Storage and handling conditions:** CHEMICAL RESISTANT APRON.

### SECTION 10 - SPECIAL SHIPPING REQUIREMENTS

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

**P.I.N #** CORROSIVE LIQUID N.O.S.

**Prepared by:** Mike Wiens

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