


MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION

Product name	MIURA B103	Chemical family	ALKALI
Product use	BASE		
Supplier	 8 Copernicus Blvd. Brantford, ON N3P 1Y4 Tel: 519-758-8111	Emergency Telephone #:	613-996-6666

SECTION 2 - INGREDIENTS

INGREDIENTS	CAS #	%	LC50 ppm (Rat, Inhal)	LD50 ppm (Rat, Oral)
SODIUM HYDROXIDE 50% SOLUTION	1310-73-2	100	N/A	N/A

SECTION 3 - PHYSICAL DATA

Boiling Point:	293 (Deg F)	Specific Gravity:	1.52
Vapor pressure:	<1.6	Evaporation rate:	n/a
Vapor density:	n/a	Solubility in water:	VERY SOLUBLE
Volatiles in %:	050	Freezing point:	50. Deg F
pH:	13	Auto-ignition temperature:	n/a
Coefficient of water/oil distribution:	n/a		
Appearance and odor:	COLORLESS TO SLIGHTLY COLORED LIQUID WITH NO 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.	IN WATER SOLUTION CAUSTIC CAN REACT WITH AMPHOTERIC METALS SUCH AS ALUMINUM GENERATING HYDROGEN WHICH IS FLAMMABLE.				
Unusual fire and explosion hazards:	NONE				

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SECTION 5 - REACTIVITY DATA

Stability: Stable

Incompatibility: ACIDS; BRONZE; BRASS; TIN; ZINC

Hazard decomposition products: NONE

Polymerisation Will not occur

SECTION 6 - HEALTH HAZARD INFORMATION

ROUTES OF EXPOSURE AND ACUTE EFFECTS

Exposure limit: 2 (mg/m³)

Inhalation:

Skin: DUST OR MISTS MAY CAUSE IRRITATION TO UPPER RESPIRATORY TRACT.

Eyes: SHORT SINGLE EXPOSURE MAY CAUSE SEVERE SKIN BURNS.

Ingestion: MAY CAUSE SEVERE IRRITATION WITH CORNEAL INJURY AND RESULT IN PERMANENT IMPAIRMENT OF VISION EVEN BLINDNESS. DUST MAY IRRITATE EYES.

Chronic effects: IMMEDIATELY DRINK LARGE QUANTITIES OF WATER AND CONTACT A PHYSICIAN.

FIRST AID

Inhalation: NONE DETERMINED

Skin: REMOVE TO FRESH AIR

Eye: FLUSH WITH WATER FOR A PERIOD OF 30 MINUTES AND REMOVE ALL CONTAMINATED CLOTHING. IF IRRITATION PERSISTS SEEK MEDICAL ATTENTION.

Ingestion: FLUSH WITH WATER FOR A MINIMUM OF 30 MINUTES AND SEEK MEDICAL ASSISTANCE

SECTION 7 - SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill, leak or release: DO NOT INDUCE VOMITTING. SEEK MEDICAL ATTENTION.

Waste disposal:

SMALL SPILLS SHOULD BE FLUSHED WITH PLENTY OF WATER. LARGER SPILLS SHOULD BE NEUTRALIZED WITH DILUTE ACID SUCH AS ACETIC.

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SECTION 8 - SPECIAL PROTECTION INFORMATION]

Respiratory protection DISPOSAL MUST MEET WITH ALL FEDERAL AND LOCAL REGULATIONS.

Ventilation: IN MISTY ATMOSPHERE USE AN APPROVED RESPIRATOR.

Protective Gloves: General ventilation

Eye protection: NEOPRENE OR PVC

Other protective equipment: CHEMICAL GOGGLES OR FACE SHIELD

SECTION 9 - SPECIAL PRECAUTIONS

Storage and handling conditions: NEOPRENE COVERALLS AND BOOTS

SECTION 10 - SPECIAL SHIPPING REQUIREMENTS

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

P.I.N # SODIUM HYDROXIDE SOLUTION

Prepared by: Mike Wiens

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