

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION

Product name Duraclean **Chemical family** N/A
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	3-7	N/A	N/A
SODIUM POLYACRYLATE		15-40	N/A	N/A
SODIUM HEXAMETAPHOSPHATE		7-13	N/A	N/A
TETRASODIUM SALT OF ETHYLENE DIAMINE TETRA	630-1260	1-5	N/A	

SECTION 3 - PHYSICAL DATA

Boiling Point: < 110 (Deg C) **Specific Gravity:** 1.10
Vapor pressure: N/A **Evaporation rate:** N/A
Vapor density: N/A **Solubility in water:** VERY SOLUBLE
Volatiles in %: 70 **Freezing point:** 0.0 Deg C
pH: 8.0 **Auto-ignition temperature:** N/A
Coefficient of water/oil distribution: N/A
Appearance and odor HAZY LIQUID WITH 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: NON-COMBUSTIBLE
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: NO FUMES.

Skin: MILD IRRITATION MAY OCCUR.

Eyes: IRRITATION MAY OCCUR.

Ingestion: IRRITATION MAY OCCUR.

Chronic effects: NONE DETERMINED.

FIRST AID

Inhalation: REMOVE VICTIM TO FRESH AIR.

Skin: FLUSH WITH PLENTY OF WATER AND SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS

Eye: FLUSH WITH WATER FOR 15 MINUTES AND OBTAIN MEDICAL AID FOR THE IRRITATION.

Ingestion: DRINK PLENTY OF WATER AND OBTAIN MEDICAL AID.

SECTION 7 - SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill, leak or release: SMALL SPILLS MAY BE FLUSHED WITH WATER. LARGER SPILLS SHOULD BE SOAKED UP WITH INERT AN ABSORBANT AND PLACED IN A DISPOSAL CONTAINER.

Waste disposal: DISPOSE OF IN ACCORDANCE WITH LOCAL AND FEDERAL REGULATIONS.

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SECTION 8 - SPECIAL PROTECTION INFORMATION]

Respiratory protection DUST MASK.

Ventilation: General ventilation

Protective Gloves: RUBBER OR PLASTIC

Eye protection: CHEMICAL SAFETY GOGGLES.

Other protective equipment: CHEMICAL RESISTANT APRON.

SECTION 9 - SPECIAL PRECAUTIONS

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

SECTION 10 - SPECIAL SHIPPING REQUIREMENTS

Proper shipping name: CORROSIVE LIQUID N.O.S.

P.I.N # 1760

Prepared by: Kent Nielsen

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