


MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION

Product name	Duralife DE	Chemical family
Product use	BOILER WATER TREATMENT	
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 METABISULFITE		7-13	N/A	N/A
SODIUM HYDROXIDE	1310-73-2	1.5	N/A	N/A
SODIUM POLYACRYLATE		0.5-1.5	N/A	N/A
MORPHOLINE	110-91-8	1-5	>12000	1050
SODIUM LIGNOSULFONATE	8061-51-6	0.1-1.0	N/A	N/A

SECTION 3 - PHYSICAL DATA

Boiling Point:	< 00110 (Deg C)	Specific Gravity:	1.13
Vapor pressure:	N/A	Evaporation rate:	N/A
Vapor density:	N/A	Solubility in water:	VERY SOLUBLE
Volatiles in %:	88	Freezing point:	0.0 Deg C
pH:	7+-1	Auto-ignition temperature:	N/A
Coefficient of water/oil distribution: N/A			
Appearance and odor: LIGHT BROWN CLEAR LIQUID WITH SLIGHT AMINE 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: HARMFUL TO RESPIRATORY TRACT.

Skin: MAY CAUSE IRRITATION.

Eyes: CAUSES IRRITATION.

Ingestion: CAUSES IRRITATION.

Chronic effects: NONE DETERMINED.

FIRST AID

Inhalation: REMOVE VICTIM TO FRESH AIR. OBTAIN MEDICAL ATTENTION IF SO REQUIRED.

Skin: FLUSH WITH WATER FOR 15 MINUTES AND OBTAIN MEDICAL ATTENTION IF IRRITATION PERSISTS.

Eye: FLUSH WITH WATER FOR 30 MINUTES AND GET MEDICAL ATTENTION.

Ingestion: DRINK PLENTY OF WATER AND GET MEDICAL AID.

SECTION 7 - SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill, leak or release: SOAK UP MATERIAL WITH SAWDUST OR AN ABSORBANT.

Waste disposal:
DISPOSE OF ABSORBANT IN AN APPROVED CHEMICAL LANDFILL SITE.

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SECTION 8 - SPECIAL PROTECTION INFORMATION]

Respiratory protection APPROVED RESPIRATOR FOR ORGANIC MISTS.

Ventilation: Local exhaust

Protective Gloves: RUBBER GLOVES.

Eye protection: CHEMICAL GOGGLES OR FACE SHIELD.

Other protective equipment: APRON AND RUBBER BOOTS.

SECTION 9 - SPECIAL PRECAUTIONS

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

SECTION 10 - SPECIAL SHIPPING REQUIREMENTS

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

P.I.N # 1993

Prepared by: Mike Wiens

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