

MATERIAL SAFETY DATA SHEET

PRODUCT INFORMATION

Product Name: WB 8103

General/Generic Name: BOILER TREATMENT BLEND
WATER CONDITIONER

TDG Hazard Classification: SODIUM HYDROXIDE SOLUTION
CLASS 8 (9.2), UN 1824 PKG GRP III

WHMIS Classification: D,2B,E

Vendor Name & Address: HOOD CHEMICAL
295 ALLIANCE ROAD #14
MILTON ON L9T 4W8
TEL: 905-876-0707

HAZARDOUS INGREDIENTS

Ingredient	% W/W	TLV	CAS.NO.	LD50	LC50
SODIUM HYDROXIDE	20-30	5mg/m3	1310-73-2	ND	ND

PHYSICAL DATA

Physical State: LIQUID

Appearance & Odour: CLEAR LIQUID, ODOURLESS

Odour Threshold: NA

Specific Gravity: 1.276

Vapour Pressure: 18 MM

Vapour Density: 2 GR/LITRE

pH: 14+

Evaporation Rate: ND

Initial Boiling Point: 100°C

Water Solubility: COMPLETE

Freezing Point: 10°C

FIRE OR EXPLOSION HAZARD

Flash Point: NONE

Flammable Limits: NA

Auto-Ignition Temp: NA

Extinguishing Media: NA

Special Firefighting Procedure: NA

Explosion Data: NA

Hazardous Combustion Products: NONE

REACTIVITY DATA

Stability: STABLE

Incompatibility: ALUMINUM, ZINC, ETC.

Hazardous Decomposition Products: HYDROGEN

Hazardous Polymerization: ND

Conditions to Avoid: CONTACT WITH SOFT METALS

TOXICOLOGICAL PROPERTIES

Threshold Limit Value:	ND
Effects of Acute Exposure:	SERIOUS BURNS TO EYES AND SKIN
Skin Contact:	SERIOUS BURNS
Skin Absorption:	NO
Eye Contact:	SERIOUS BURNS
Inhalation:	IRRITATION OF MUCOUS MEMBRANES
Ingestion:	G.I. TRACT UPSET
Effect of Chronic Exposure:	DRY SKIN
Irritancy of Product:	SEVERE IRRITANT
Carcinogenicity:	ND
Sensitization to Material:	ND
Reproduction Toxicity:	ND
Teratogenicity:	ND
Mutagenicity:	ND

PREVENTIVE MEASURES

Protective Equipment To Be Used:	CHEMICAL GOGGLES, APRONS
Respiratory Protection:	WHEN MISTING OCCURS
Ventilation:	NORMAL AIR FLOW
Protective Gloves:	YES, RUBBER OR VINYL
Eye Protection:	SAFETY GLASSES, GOGGLES
Other Protective Measures:	APRONS, BOOTS, ETC

SPILL OR LEAK PROCEDURES:

Steps To Be Taken In Case Material IS Released or Spilled:
 CONTAIN SPILL, ABSORB ONTO INERT MATERIAL

Waste Disposal Information:

DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, PROVINCIAL AND FEDERAL
 GOVERNMENT REGULATIONS

Handling and Storage Conditions: STORE IN COOL DRY PLACE, KEEP
 CONTAINERS CLOSED WHEN NOT IN USE

FIRST AID MEASURES

Skin Contact:	WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS CONSULT PHYSICIAN.
Eye Contact:	RINSE THOROUGHLY WITH WATER. IF IRRITATION PERSISTS CONSULT PHYSICIAN.
Inhalation:	REMOVE TO FRESH AIR
Ingestion:	DRINK LARGE QUANTITIES OF FLUIDS, CONSULT PHYSICIAN IF IRRITATION PERSISTS

PREPARATION INFORMATION

Date Revised:	JANUARY 2016	NA	Not Applicable
Prepared by:	LAB PERSONNEL	ND	Not Data Available
Phone:	(905)876-0707	NE	None Established
		NR	Not Regulated