

**MATERIAL SAFETY DATA SHEET**

**PRODUCT INFORMATION**

Product Name: WB8102  
General/Generic Name: BOILER TREATMENT BLEND  
Product Use: WATER CONDITIONER  
Chemical Identity: SODIUM HYDROXIDE SOLUTION  
TDG Hazard Classification: CLASS 8, 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**

Chemical Identity:	%W/W	CAS#	LD50	LC50	TLV
Ingredient					
SODIUM HYDROXIDE	40-60	1310-73-2	ND	ND	5mg/m3

**PHYSICAL DATA**

Physical State: LIQUID  
Appearance & Odour: CLEAR LIQUID, ODOURLESS  
Odour Threshold: NA  
Specific Gravity: 1.5  
Vapor Pressure: 18 MM  
Vapor Density: 2 GR/LITRE  
Evaporation Rate: ND  
Initial Boiling Point: 100°C  
Water Solubility: COMPLETE  
Freezing Point: 10°C  
pH: 14+

**FIRE OR EXPLOSION HAZARD**

Flash Point: NONE  
Flammable Limits: NA  
Auto-Ignition Temp: NA  
Extinguishing Media: NA  
Hazardous Combustion Product: NONE  
Explosion Data: NA  
Special Firefighting Procedure: NA

**REACTIVITY DATA**

Stability: STABLE  
Incompatibility: ALUMINUM, ZINC, ETC  
Hazardous Decomposition Products: HYDROGEN  
Condition to Avoid: CONTACT WITH SOFT METAL  
Hazardous Polymerization: ND

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**TOXICOLOGICAL PROPERTIES**


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Threshold Limit Value:	ND
Effects of Acute Exposure:	SERIOUS BURNS TO EYES AND SKIN
Eye contact:	SERIOUS BURNS
Skin contact:	SERIOUS BURNS
Inhalation:	IRRITATION OF MUCOUS MEMBRANES
Ingestion:	G.I. TRACT UPSET
Carcinogenicity:	ND
Sensitization to Material:	ND
Reproduction Toxicity	ND
Teratogenicity:	ND
Mutagenicity:	ND

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**PREVENTIVE MEASURES**


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**Protective Equipment To Be Used:**

Respiratory Protection:	CHEMICAL GOGGLES, APRONS 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 MATERIALS  
 PROVIDE ADEQUATE VENTILATION .

**Waste Disposal Information:**

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

**Handling and Storage Conditions:**

KEEP CONTAINERS UPRIGHT IN A COOL, DRY PLACE, KEEP CONTAINERS CLOSED WHEN  
 NOT IN USE. USE ONLY NON SPARKING BUNG WRENCHES AND TOOLS.

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**FIRST AID MEASURES**


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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 A PHYSICIAN IF IRRITATION PERSISTS.

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**PREPARATION INFORMATION**


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Prepared by:	LAB PERSONNEL
Date Revised:	JANUARY 2016