

MATERIAL SAFETY DATA SHEET

PRODUCT INFORMATION

Product Name: WB 9232
General/Generic Name: VOLATILE OXYGEN SCAVENGER & METAL PASSIVATOR
Product Use: BOILER/STEAM & CONDENSATE INHIBITOR
TDG Hazard Classification: NOT REGULATED
WHMIS Classification: D;2B, E, B3

Vendor Name and Address: HOOD CHEMICAL
295 ALLIANCE RD #14
MILTON ON L9T 4W8
Tel: 905 876-0707

HAZARDOUS INGREDIENTS

Ingredient	%W/W	TLV	CAS. NO.	LD50	LC50
MORPHOLINE	5-10	2mg/m3	110-91-8	ND	ND

PHYSICAL DATA

Physical State: LIQUID
Appearance & Odour: CLEAR LIGHT YELLOW, AMINE ODOUR
Odour Threshold: ND
Specific Gravity: 0.98
Vapour Pressure: 28 MM
Vapour Density: 2 GR/LITRE
Evaporation Rate: SAME AS WATER
Initial Boiling Point: 100°C
pH: 12.0 – 12.5
Water Solubility: COMPLETE
Freezing Point: 0°C

FIRE OR EXPLOSION HAZARD

Flash Point: 80°C
Flammable Limits: ND
Auto-Ignition Temp: ND
Extinguishing Media: FOAM, WATER, CO₂
Special Firefighting Procedure: CONTAINERS MAY EXPLODE IF HEATED
Explosion Data: ND
Hazardous Combustion Products: OXIDES OF CARBON & NITROGEN

REACTIVITY DATA

Stability: STABLE
Incompatibility: ACIDS AND OXIDIZERS
Hazardous Decomposition Products: OXIDES OF CARBON & NITROGEN
Hazardous Polymerization: NONE
Conditions to Avoid: EXPOSURE TO ACIDS & OXIDIZERS

 TOXICOLOGICAL PROPERTIES

Threshold Limit Value:	ND
Effects of Acute Exposure:	DRY SKIN
Skin Contact:	MAY CAUSE DRY SKIN
Skin Absorption:	NONE
Eye Contact:	TRANSIENT SEVERE IRRITATION
Inhalation:	IRRITATION TO MUCOUS MEMBRANES
Ingestion:	G.I. TRACT IRRITATION
Effect of Chronic Exposure:	ND
Irritancy of Product:	MILD IRRITANT TO SKIN AND EYES
Carcinogenicity:	ND
Sensitization to Material:	NONE
Reproduction Toxicity:	ND
Teratogenicity:	ND
Mutagenicity:	ND

 PREVENTIVE MEASURES

Protective Equipment To be Used:	USUALLY NONE REQUIRED
Respiratory Protection:	NONE REQUIRED
Ventilation:	NORMAL AIR FLOW
Protective Gloves:	NONE
Eye Protection:	SAFETY GLASSES
Other Protective Measures:	NONE

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.

 FIRST AID MEASURES

Skin Contact:	WASH WITH SOAP AND WATER
Eye Contact:	RINSE EYES WITH PLENTY OF WATER, SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS
Inhalation:	MOVE TO FRESH AIR
Ingestion:	DRINK PLENTY OF WATER OR MILK

 PREPARATION INFORMATION

Date Revised:	JANUARY 2016	NA	Not Applicable
Prepared by:	Lab Personnel	ND	No Data Available
Phone:	905-876-0707	NE	None Established
		NR	Not Regulated

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