

MATERIAL SAFETY DATA SHEET

PRODUCT INFORMATION

Product Name: WB8138
General/Generic Name: AMINES
Product Use: TO TREAT CONDENSATE
TDG Hazard Classification: AMINES LIQUID CORROSIVE FLAMMABLE,N.O.S.
(CYCLOHEXYLAMINE, MORPHOLINE)
CLASS 8(3), UN2734, PG II
WHMIS Classification: D,2B; E; B3
Vendor Name & Address: HOOD CHEMICAL
295 ALLIANCE ROAD #14
MILTON ON L9T 4W8
TEL: 905-876-0707

HAZARDOUS INGREDIENTS

Chemical Identity:	%W/W	TLV	CAS#	LD50	LC50
MORPHOLINE	10-30	2mg/m3	110-91-8	156mg/Kg (oral rat)	ND
CYCLOHEXYLAMINE	10-30	2mg/m3	108-91-8	1910mg/Kg (oral rat)	ND

PHYSICAL DATA

Physical State: LIQUID
Appearance & Odour: COLOURLESS LIQUID ALMINE ODOR
Odour Threshold: ND
Specific Gravity: 0.98-1.0
Vapor Pressure: 28 MM
Vapor Density: 2 G/LITRE
Evaporation Rate: SAME AS WATER
Initial Boiling Point: 98°C
pH: 12.0-12.5
Water Solubility: COMPLETE
Freezing Point: <0°C

FIRE OR EXPLOSION HAZARD

Flash Point: 140°F
Flammable Limits: ND
Auto-Ignition Temp: ND
Extinguishing Media: FOAM, WATER CO²
Special Firefighting Procedure: CONTAINER MAY EXPLODE IF HEATED
Explosion Data: ND
Hazardous Combustion Product: OXIDES OF CARBON AND NITROGEN

REACTIVITY DATA

Stability: STABLE
Incompatibility: ACIDS
Hazardous Decomposition Products: OXIDES OF CARBON & NITROGEN
Hazardous Polymerization: NONE
Conditions to Avoid: HEAT OR OPEN FLAME

TOXICOLOGICAL PROPERTIES

Threshold Limit Value:	ND
Effects of Acute Exposure:	CORROSIVE TISSUE BURNS
Skin Contact:	CORROSIVE TISSUE BURNS
Skin Absorption:	NA
Eye Contact:	CORROSIVE, WILL CAUSE BURNS
Inhalation:	CORROSIVE TO MUCOUS MEMBRANES
Ingestion:	G.I. TRACT BURNS
Effect of Chronic Exposure:	NA
Irritancy of Product:	CORROSIVE TO SKIN AND EYES
Carcinogenicity:	ND
Sensitization to Material:	NONE
Reproduction Toxicity	ND
Teratogenicity:	ND
Mutagenicity:	ND

SPILL OR LEAK PROCEDURES:

Steps To Be Taken In Case Material Is Released or Spilled
 CONTAIN SPILL, ABSORB ONTO INERT MATERIALS, WEAR ALL APPLICABLE PROTECTIVE CLOTHING, KEEP UNPROTECTED PERSONNEL AWAY FROM SPILL.

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.

FIRST AID MEASURES

Skin Contact:	RINSE AFFECTED AREA WITH PLENTY OF PORTABLE WATER FOR AT LEAST 15 MINUTES, REMOVE CONTAMINATED CLOTHING/FOOTWEAR. GET IMMEDIATE MEDICAL ATTENTION, WASH CLOTHING WELL BEFORE REUSE.
Eye Contact:	RINSE EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES, MAKING SURE TO GET UNDER THE UPPER AND LOWER EYELIDS. IF APPLICABLE, REMOVE CONTACT LENSES AFTER 5 MINUTES AND CONTINUE TO FLUSH EYES AFTER REMOVAL. GET MEDICAL ATTENTION IMMEDIATELY.
Inhalation:	REMOVE TO FRESH AIR, GET MEDICAL ATTENTION IMMEDIATELY, ASSIST IN BREATHING IF NECESSARY.
Ingestion	DO NOT INDUCE VOMITING, GIVE PLENTY OF WATER OR MILK. NEVER GIVE ANTHING BY MOUTH TO A CONVULSING OR UNCONSCIOUS PERSON. GET MEDICAL ATTENTION IMMEDIATELY.

PREPARATION INFORMATION

Prepared by:	LAB PERSONNEL	NA	Not Applicable
Date Revised:	JANUARY 2016	ND	No Data Available
		NE	None Established
		NR	Not Regulated