

MATERIAL SAFETY DATA SHEET

PRODUCT INFORMATION

Product Name: WM 8590
General/Generic Name: ANTIFREEZE
Product Use: ANTIFREEZE SOLUTION
TDG Hazard Classification: FLAMMABLE LIQUID POISONOUS, N.O.S. (METHANOL)
CLASS 3 (6.1), UN 1992 PKG GRP II
WHMIS Classification: D; 2B, B3
Vendor Name and Address: Hood Chemical
295 Alliance Road #14
Milton, ON L9T 4W8
(905) 876-0707

HAZARDOUS INGREDIENTS

Ingredient:	% W/W	TLV	CAS. NO.	LD50 ORAL (RAT)	LD50 DERMAL (RABBIT)	LC50 (RAT)
METHANOL	40 -60	200PPM	67-56-1	6200-13000MGM/KG	20mLs/k	64000ppm/4h
SODIUM MOLYBDATE	0.1-1.0	ND	7631-95-0	ND	ND	ND

PHYSICAL DATA

Physical State: LIQUID
Appearance & Odour: BLUE LIQUID, ALCOHOL ODOUR
Odour Threshold: 2000ppm
Specific Gravity: 0.9
Vapour Pressure: ND
Vapour Density: ND
Evaporation Rate: ND
Initial Boiling Point: 90°C
pH: 11.0
Freezing Point: -41°C
Water Solubility: COMPLETE

FIRE OR EXPLOSION HAZARD

Flash Point: 30°C
Flammable Limits: ND
Auto-Ignition Temp: ND
Extinguishing Media: WATER, FOG, CO₂, PYRENE
Special Firefighting Procedure: HIGH HEAT MAY CAUSE CONTAINERS TO EXPLODE
Explosion Data: ND
Hazardous Combustion Products: OXIDES OF CARBON

REACTIVITY DATA

Stability: ND
Incompatibility: NONE KNOWN
Hazardous Decomposition Products: NONE
Hazardous Polymerization: WILL NOT OCCUR
Conditions to Avoid: KEEP AWAY FROM OPEN FLAME

TOXICOLOGICAL PROPERTIES

Threshold Limit Value: ND
Effects of Acute Exposure: NONE KNOWN TO MANUFACTURER
Skin Contact: DEFATTING
Skin Absorption: NONE
Eye Contact: TRANSIENT IRRITATION
Inhalation: POISON

Ingestion:	POISON
Effect of Chronic Exposure:	COULD LEAD TO POISONING
Irritancy of Product:	MILD IRRITANT AT 1000PPM
Carcinogenicity:	ND
Sensitization to Material:	ND
Reproduction Toxicity:	ND
Teratogenicity:	ND
Mutagenicity:	ND

PREVENTIVE MEASURES

Protective Equipment to be Used:	SEPARATE AIR SUPPLY IN ENCLOSED SPACES
Respiratory Protection:	NONE REQUIRED
Ventilation:	NORMAL AIR FLOW
Protective Gloves:	RECOMMENDED FOR CHRONIC CONTACT
Eye Protection:	RECOMMENDED
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 REGULATIONS.

FIRST AID MEASURES

Skin Contact:	WASH WITH SOAP AND WATER
Eye Contact:	RINSE EYES WITH WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS CONSULT PHYSICIAN
Inhalation:	REMOVE TO FRESH AIR
Ingestion:	INDUCE VOMITING, SEEK MEDICAL ATTENTION IMMEDIATELY

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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