

**MATERIAL SAFETY DATA SHEET**

**PRODUCT INFORMATION**

Product Name: WC 8345  
General/Generic Name: COOLING WATER INHIBITOR  
Product Use: WATER CONDITIONER  
TDG Hazard Classification: CORROSIVE LIQUID N.O.S. (POTASSIUM HYDROXIDE)  
CLASS 8 (9.2) UN 1760 PG III  
WHMIS Classification: D, 2B, E  
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	LC50
POTASSIUM HYDROXIDE	10-20	5mg/3m	1310-58-3	ND	ND
SODIUM NITRITE	15-30	NA	7632-00-0	ND	ND

**PHYSICAL DATA**

Physical State: LIQUID  
Appearance & Odour: CLEAR YELLOW LIQUID, ODOURLESS  
Odour Threshold: NA  
Specific Gravity: 1.39  
Vapour Pressure: 18 MM  
Vapour Density: 12 GR/LITRE  
pH: 13.7  
Evaporation Rate: ND  
Initial Boiling Point: 110°C  
Water Solubility: COMPLETE  
Freezing Point: -20°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: OXIDES OF NITROGEN

**REACTIVITY DATA**

Stability: STABLE  
Incompatibility: ACIDS RELEASE OXIDES OF NITROGEN  
Hazardous Decomposition Products: OXIDES OF NITROGEN  
Hazardous Polymerization: ND  
Conditions to Avoid: EXPOSURE TO ACIDS

**TOXICOLOGICAL PROPERTIES**

Threshold Limit Value: ND  
Effects of Acute Exposure: ND  
Skin Contact: EXTREMELY CORROSIVE  
Skin Absorption: NO  
Eye Contact: EXTREMELY CORROSIVE  
Inhalation: IRRITATION TO 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

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PREVENTIVE MEASURES

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Protective Equipment to be Used:	SAFETY GLASSES, RUBBER GLOVES
Respiratory Protection:	NONE REQUIRED NORMALLY
Ventilation:	NORMAL AIR FLOW
Protective Gloves:	RECOMMENDED
Eye Protection:	SAFETY GLASSES AND/OR GOGGLES
Other Protective Measures:	NOT REQUIRED

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.

Handling and Storage Conditions:

STORE IN COOL DRY PLACE. KEEP CONTAINERS CLOSED WHEN NOT IN USE.

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FIRST AID MEASURES

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

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PREPARATION INFORMATION

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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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