

## MATERIAL SAFETY DATA SHEET

### PRODUCT INFORMATION

Product Name: WM8585  
General/Generic Name: DESCALER AND CLOSED LOOP CLEANER  
Product Use: TO CLEAN WATER SYSTEMS  
TDG Hazard Classification: NOT REGULATED  
WHMIS Classification: D;2B

Vendor Name & Address: HOOD CHEMICAL  
295 ALLIANCE ROAD #14  
MILTON ON L9T 4W8

### HAZARDOUS INGREDIENTS

Ingredient	%W/W	TLV	CAS. NO.	LD50	LC50
CITRIC ACID	30-60	2mg/m3	77-92-9	ND	ND

### PHYSICAL DATA

Physical State: LIQUID  
Appearance & Odour: YELLOW LIQUID, BLAND ODOUR  
Odour Threshold: ND  
Specific Gravity: 1.22  
Vapour Pressure: 18 MM  
Vapour Density: 2 GR/LITRE  
pH: 4.0-5.0  
Evaporation Rate: SAME AS WATER  
Initial Boiling Point: 100°C  
Water Solubility: COMPLETE  
Freezing Point: 0°C

### FIRE OR EXPLOSION HAZARD

Flash Point: NONE  
Flammable Limits: NONE  
Auto-Ignition Temp: NONE  
Extinguishing Media: NONE  
Special Firefighting Procedure: CONTAINERS MAY EXPLODE IF HEATED  
Explosion Data: NONE APPLICABLE  
Hazardous Combustion Products: OXIDES OF CARBON

### REACTIVITY DATA

Stability: STABLE  
Incompatibility: NONE THAT CAUSE HAZARDS  
Hazardous Decomposition Products: NONE  
Hazardous Polymerization: NONE  
Conditions to Avoid: NONE THAT CAUSE HAZARDS

### 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: NONE

Irritancy of Product: MILD IRRITANT TO SKIN AND EYES  
Carcinogenicity: ND

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**WM8585**

Sensitization to Material: NONE  
Reproduction Toxicity: ND  
Teratogenicity: ND  
Mutagenicity: ND

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PREVENTIVE MEASURES

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Protective Equipment To Be Used: USUALLY NONE REQUIRED  
Respiratory Protection: NONE REQUIRED  
Ventilation: NORMAL AIR FLOW  
Protective Gloves: RECOMMENDED  
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  
REGULATIONS.

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FIRST AID MEASURES

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Skin Contact: WASH SKIN 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

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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