

**MATERIAL SAFETY DATA SHEET**

**PRODUCT INFORMATION**

Product Name: WM8677  
General/Generic Name: MULTI-METAL CORROSION INHIBITOR  
Product Use: GLYCOL & CLOSED LOOP SYSTEMS  
TDG Hazard Classification: NOT REGULATED  
WHMIS Classification: D,2B  
Vendor Name & Address: HOOD CHEMICAL  
295 ALLIANCE ROAD #14  
MILTON ON L9T 4W8  
TEL: 905-876-0707

**HAZARDOUS INGREDIENTS**

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Ingredient:	%W/W	TLV	CAS#	LC50	LD50
SODIUM SILICATE	1-5	ND	1344-09-8	ND	ND
SODIUM HYDROXIDE	1-5	2 mg/m3	1310-7324	ND	ND
SODIUM TETRABORATE PENTAHYDRATE	5-10	1 mg/m3	1330-43-3	ND	ND
SODIUM NITRITE	15-20	2 mg/m3	7632-00-0	ND	ND

**PHYSICAL DATA**

Physical State: LIQUID  
Appearance & Odour: YELLOW LIQUID - AROMATIC  
Odour Threshold: ND  
Specific Gravity: 1.25 – 1.27  
Vapor Pressure: ND  
Vapor Density: ND  
Evaporation Rate: ND  
pH: 11.5-12.0  
Initial Boiling Point: ND  
Water Solubility: COMPLETE  
Freezing Point: <0°C

**FIRE OR EXPLOSION HAZARD**

Flash Point: NA  
Flammable Limits: ND  
Auto-Ignition Temp: NA  
Extinguishing Media: NONE  
Special Firefighting Procedure: CONTAINERS MAY EXPLODE IF HEATED  
Hazardous Combustion Product: OXIDES OF NITROGEN  
Explosion Data: NONE KNOWN

**REACTIVITY DATA**

Stability: STABLE  
Incompatibility: OXIDIZERS AND STRONG ACIDS  
Hazardous Decomposition Products: NITROGEN OXIDES, CO AND CO2  
Hazardous Polymerization: NONE  
Condition to Avoid: NONE

**TOXICOLOGICAL PROPERTIES**

Threshold Limit Value: ND  
Effects of Acute Exposure: IRRITATION TO EYES, LUNGS AND SKIN  
Eye Contact: SEVERE IRRITATION  
Skin Contact: ABSORBED BY ABRADED SKIN  
Inhalation: IRRITATION TO MUCOUS MEMBRANES  
Ingestion: POISONOUS, G.I. TRACT IRRITATION  
Effect of Chronic Exposure: ND  
Irritancy of Product: IRRITANT TO SKIN AND EYES  
Carcinogenicity: NONE KNOWN  
Sensitization to Material: ND

Reproduction Toxicity            NONE KNOWN  
Teratogenicity:                    NONE KNOWN  
Mutagenicity:                      NONE KNOWN

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PREVENTATIVE MEASURES

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Protective Equipment To Be Used:    USUALLY NONE REQUIRED  
Respiratory Protection:                NORMALLY NOT REQUIRED  
Ventilation:                              NORMAL AIR FLOW  
Protective Gloves:                      RUBBER GLOVES  
Eye Protection:                         SAFETY GLASSES/GOGGLES  
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

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FIRST AID MEASURES

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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

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PREPARATION INFORMATION

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Prepared by:                          LAB PERSONNEL  
Date Revised:                         January 2016