

MATERIAL SAFETY DATA SHEET

PRODUCT INFORMATION

Product Name: WM8580

General/Generic Name: ORGANIC ACIDIFIER
Product Use: FOR pH DEPRESSION OR NEUTRALIZATION

TDG Hazard Classification: CORROSIVE LIQUIDS, N.O.S. (CITRIC ACID)
CLASS 8, UN 3265, PKG GRP III

WMIS 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
CITRIC ACID	40 – 60	2mg/m3	77-92-9	11.7g/kg	ND

PHYSICAL DATA

Physical State: LIQUID

Appearance & Odour: COLOURLESS LIQUID, NO ODOUR

Odour Threshold: ND

Specific Gravity: 1.23

Vapour Pressure: 18 mm

Vapour Density: 1.2 G/L

pH: <1

Evaporation Rate: ND

Initial Boiling Point: MORE THAN 100° C

Water Solubility: COMPLETE

Freezing Point: LESS THAN -5 °C

FIRE OR EXPLOSION HAZARDS

Flash Point: NONE

Flammable Limits: NA

Auto-Ignition Temp: NA

Extinguishing Media: NA

Special Firefighting Procedure: NONE

Explosion Data: NONE

Hazardous Combustion Product: OXIDES OF CARBON

REACTIVITY DATA

Stability: STABLE

Incompatibility: MAY REACT WITH METALS SUCH AS TIN,
ALUMINUM, LEAD AND ZINC TO PRODUCE
HYDROGEN

Hazardous Decomposition Products: HYDROGEN

Hazardous Polymerization: WILL NOT OCCUR

Condition To Avoid: SEE INCOMPATIBILITY ABOVE

TOXICOLOGICAL PROPERTIES

Threshold Limit Value: 6 mg. mist/m3

Effects of Acute Exposure: MAY CAUSE IRRITATION OF SKIN, AND INJURY TO EYES

Skin Contact: SLIGHT IRRITATION OF SKIN, DRYING OF SKIN.

Skin Absorption: ABSORBED BY SKIN

Eye Contact:	MAY CAUSE TRANSIENT IRRITATION
Inhalation:	MIST MAY CAUSE IRRITATION TO UPPER RESPIRATORY TRACT
Ingestion:	MAY CAUSE GASTRO-INTESTINAL TRACT IRRITATION
Effect of Chronic Exposure:	ROUGH DRY SKIN
Irritancy of Product:	SLIGHT IRRITANT
Carcinogenicity:	ND
Sensitization to Material:	NONE KNOWN TO MANUFACTURER
Reproduction Toxicity:	ND
Teratogenicity:	ND
Mutagenicity:	ND

PREVENTIVE MEASURES

Protective Equipment To Be Used:	
Respiratory Protection:	USE APPROVED RESPIRATOR WHEN MISTING OCCURS
Ventilation:	NORMAL AIR FLOW
Protective Gloves:	RUBBER, VINYL GLOVES
Eye Protection:	SAFETY GLASSES/SPLASH GOGGLES
Other Protective Measures:	RUBBER APRON, SAFETY SHOWERS, EYEWASH STATIONS

SPILL OR LEAK PROCEDURES:

Steps To Be Taken In Case Material Is Released or Spilled:

CONTAIN SPILL; NEUTRALIZE WITH DILUTE ALKALI, PICK UP OR ABSORB ONTO INERT MATERIAL.

Waste Disposal Information:

NEUTRALIZE BEFORE DISPOSING. DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, PROVINCIAL AND LOCAL REGULATIONS.

Handling and Storage Conditions: STORE CONTAINERS IN A SECURE PLACE, DO NOT FREEZE

FIRST AID MEASURES

Skin Contact:	IMMEDIATELY WASH THOROUGHLY WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING.
Eye Contact:	IMMEDIATELY RINSE EYES WITH PLENTY OF WATER, CONSULT PHYSICIAN IF IRRITATION PERSISTS.
Inhalation:	REMOVE TO FRESH AIR IF EFFECTS OCCUR
Ingestion:	DO NOT INDUCE VOMITING. DILUTE WITH LARGE AMOUNTS OF WATER, MILK OR FRUIT JUICE. CONSULT PHYSICIAN.

PREPARATION INFORMATION

Date Revised:	JAN 2016	NA	Not Applicable
Prepared by:	LAB PERSONNEL	ND	No Data Available
Phone:	905-876-0707	NE	None Established
		NR	Not Regulated