

MATERIAL SAFETY DATA SHEET**WR8289****PRODUCT INFORMATION**

Product Name: WR 8289
General/Generic Name: SULPHURIC ACID, 0.1 N
Product Use: LABORATORY REAGENT
TDG Hazard Classification: NOT REGULATED LIMITED QUANTITY
WHMIS Classification: D; 2B

Vendor Name & Address: HOOD CHEMICAL
295 ALLIANCE ROAD #14
MILTON ON L9T 4W8
TEL: 905-876-0707

HAZARDOUS INGREDIENTS

Ingredient	%W/W	TLV	CAS#	LD50 (oral, rat)	LC50 (Inh, rat/2hrs)
SULPHURIC ACID	0.1-1.0	1 mg/m ³	7664-93-9	214mg/kg	510mg/m ³

PHYSICAL DATA

Physical State: LIQUID
Appearance & Odour: CLEAR COLOURLESS LIQUID
Odour Threshold: ND
Specific Gravity: 1.03
Vapor Pressure: ND
Vapor Density: ND
Evaporation Rate: ND
Initial Boiling Point: 100^oC
pH: <0.5
Water Solubility: SOLUBLE
Freezing Point: 0^oC

FIRE OR EXPLOSION HAZARD

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

REACTIVITY DATA

Stability: STABLE
Incompatibility: NONE THAT CAUSE HAZARDS
Hazardous Decomposition Products: ND
Hazardous Polymerization: WILL NOT OCCUR
Conditions to Avoid: AVOID CONTACT WITH ALKALIES AND METALS

TOXICOLOGICAL PROPERTIES

Threshold Limit Value: 1 mg/m³
Effects of Acute Exposure: NONE KNOWN TO MANUFACTURER
Skin Contact: DEFATTING
Skin Absorption: NONE
Eye Contact: SEVERE IRRITATION, PERMANENT DAMAGE
Inhalation: IRRITATION TO MUCOUS MEMBRANES
Ingestion: G.I. TRACT IRRITATION
Effect of Chronic Exposure: ND
Irritancy of Product: SEVERE IRRITANT
Carcinogenicity: ND

Sensitization to Material:	ND
Reproduction Toxicity	ND
Teratogenicity:	ND
Mutagenicity:	ND

PREVENTATIVE MEASURES

Protective Equipment To Be Used:	PREVENT CONTACT TO SKIN AND EYES
Respiratory Protection:	NONE REQUIRED USUALLY
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 GOVERNMENT REGULATIONS

FIRST AID MEASURES

Skin Contact:	WASH WITH SOAP AND WATER
Eye Contact:	RINSE THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES. SEE MEDICAL ATTENTION IF IRRITATION PERSISTS.
Inhalation:	MOVE TO FRESH AIR
Ingestion	DO NOT INDUCE VOMITING, DRINK LARGE QUANTITIES OF FLUIDS TO DILUTE. CONSULT PHYSICIAN.

PREPARATION INFORMATION

Prepared by:	LAB PERSONNEL
Date Revised:	January 2016

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