

## MATERIAL SAFETY DATA SHEET

PRODUCT IDENTIFICATION				
Product Name:	SULFAMIC ACID			
Supplier Name:	HOOD CHEMICAL 295 ALLIANCE ROAD #14 MILTON ON L9T 4W8			
Product Use:	ACID CLEANER			
TDG Hazard Classification:	CORROSIVE SOLIDS (N.O.S.) SULFAMIC ACID MIXTURE CLASS 8 (9.2), UN 1759 PG III			
HAZARDOUS INGREDIENTS				
	% w/w	CAS#	LD50(mg/kg)	LC50 (mg/m <sup>3</sup> )
Sulfamic Acid	60-100	5329-14-6	NA	NA
PHYSICAL DATA				
Physical State:	SOLID			
Appearance & Odour:	WHITE POWDER			
Odour Threshold:	NONE			
Boiling Point:	NOT AVAILABLE			
Specific Gravity:	2 G/CC			
Freezing Point:	NOT AVAILABLE			
Vapour Pressure:	NOT AVAILABLE			
Vapour Density:	NOT AVAILABLE			
Water Solubility:	NOT AVAILABLE			
pH:	<1 (1% SOL'N)			
Evaporation Rate:	NOT AVAILABLE			
FIRE OR EXPLOSION HAZARD				
Condition of Flammability:	NOT AVAILABLE			
Means of Extinction:	WATER, CHEMICAL FOAM, DRY CHEMICAL CARBON DIOXIDE.			
Flash Point & Method of Determination:	NOT AVAILABLE			
Upper Flammable Limit:	NOT APPLICABLE			
Lower Flammable Limit:	NOT APPLICABLE			
Auto-Ignition Temperature:	NOT APPLICABLE			
Hazardous Decomposition Product:	OXIDE OF SULFUR			
Explosion Data:	NOT APPLICABLE			
Sensitivity to Static Discharge:	NOT APPLICABLE			
REACTIVITY DATA				
Stability:	STABLE			
Incompatibility:	CHLORINE, HYPOCHLORITES, SULFIDES			
Hazardous Decomposition Products:	AMONIA GASES			
Conditions To Reactivity:	CONTACT WITH INCOMPATIBLES			
TOXICOLOGICAL PROPERTIES				
Effects of Acute Exposure:	CORROSIVE TO SKIN, EYES AND MUCOUS MEMBRANES MAY BE HARMFUL IF SWALLOWED. DUSTS MAY IRRITATE UPPER RESPIRATORY SYSTEM.			
Effects of Chronic Exposure:	NOT AVAILABLE			
Exposure Limits:	NOT AVAILABLE			
Irritancy of Product:	MODERATE			
Sensitization:	NOT APPLICABLE			

**TOXICOLOGICA PROPERTIES (CONT'D)**

Evidence of Carcinogenicity:        **NONE KNOWN**

Teratogenicity, Mutagenicity  
Or Reproductive Toxicity

**PREVENTATIVE MEASURES**

Personal Equipment To Be Used

Eye Protection:                    **GOGGLES OR SAFETY GLASSES**

Skin Protection:                    **RUBBER, NEOPRENE OR PLASTIC GLOVES**

Respiratory Protection:            **APPROVED RESPIRATOR IF DUSTS ARE PRESENT.**

Engineering Control:              **NORMAL ROOM VENTILATION**

Leak and Spill Procedure:        **FOR SMALL SPILLS, SWEEP UP, NEUTRALIZE AND FLUSH AREA WITH PLENTY OF WATER**

Waste Disposal:                    **DISPOSE OF IN ACCORDANCE WITH FEDERAL, PROVINCIAL AND MUNICIPAL ENVIRONMENTAL REGULATIONS.**

Handling Procedure & Equipment: **WASH AFTER HANDLING. USE GOOD INDUSTRIAL HYGIENE**  
Storage Requirement:              **STORE IN A COOL, DRY PLACE, AWAY FROM IMCOMPATIBLES.**

**FIRST AID MEASURES**

Eye Contact:                      **FLUSH WITH WATER FOR 15 MINUTES. CONTACT PHYSICIAN IMMEDIATELY**

Skin Contact:                    **WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS CONTACT PHYSICIAN.**

Ingestion:                        **GIVE VICTIM 2 GLASSES OF WATER. DO NOT INDUCE VOMITING. CONTACT PHYSICIAN IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH IF VICTIM IS UNCONSCIOUS**

Inhalation:                      **REMOVE TO FRESH AIR**

**PREPARATION INFORMATION**

Prepared by:                    **LAB PERSONNEL**

Date Revised:                    **JANUARY 2016**