Scholar

MATERIAL SAFETY DATA SHEET

Scholar

Moderate Richard Street

Scholar

Scholar

Moderate Richard Street

Scholar

Street

Moderate Richard Street

Moderate Richar

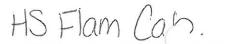
TDG

5100 W. Henrietta Rd. West Henrietta, NY 14586 TEL: (866) 260-0501

3703100					
9709206 9709208					
9709209 9717809					
December 1, 2005					

SECTIO	N I	NAME	24	Н	OUR E	MERGE	NCY	ASSIST	ANC	
Product	Sulfuric Aci			416-98	4-3000	\	Health	3		
Chemical	N/A			-	NF	PA 3	2	Flammability	0	
Synonyms	I N/A			-		₹ ₩	,	Reactivity	3	
Formula	H ₂ SO ₄			_		RD RATIN		WHMIS		
CAS No.	7664-93-9				Minima 0	I Slight M	oderate 2	Serious 3	Severe 4	
SECTIO	N II	DANGEROL	IS INGR	ED	IENT	3				
Name						%		TLV Units	î	
S	ulfuric acid					93 - 98%	TWA	: 1 mg/m ³ STEL	.: 3mg/	
								- 1389		
D	ANGER! CORE	ROSIVE!				11.00				
SECTIO	N III	PHYSICAL [DATA					A MARKET		
Melting Poir	nt (°C)	< 11°C			ecific Gravity (H ₂ O = 1)		1.16	1.16 - 1.84		
Boiling Poin	t (°C)	~ 275 - 325°C	Percent Volatile by Volume (%)			0 - :	0 - 20 water by weight			
Vapor Press	sure (mm Hg)	Variable.		Evaporation Rate (=1)			N/A	N/A		
Vapor Dens	ity (Air=1)	N/A							1000	
Solubility in	Water	Complete.			yp					
Appearance	& Odor	Clear, colorless liqu	ıid; very slig	ht o	dor.					
SECTIO	N IV	FIRE AND E	ſ			ARD DA	TA Lower	Upp		
Flash point	No	on-flammable.	Flammable % by Volum		s in Air N/A	<u> </u>	Lower	Орг	yer	
Firefighting Procedures Use dry chemical, CO ₂ , alcohol foam, or water spray. In fire conditions, fire-fighters should wear an appropriate mask or a self-containing breathing apparatus.										
Flammability Explosion H		See Section V.								
TDG Class 8 Corrosive liquid. UN1830 Class 9.2 Environmentally hazardous material.										

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. For laboratory use only. Not for drug, food or household use. Keep out of reach of children. Printed on recycled paper.



SECTION V		R	EACTIVITY DATA SS1118			
Chemical	Yes	Х	If no. under what conditions?			
Stability	No		Avoid temperature above 250°C and water.			
Incompatible with Other products	Yes No	Х	Alkalies, amines, anhydrides, combustibles, organics, oxidizers, powdered metals.			
Hazardous Decomposition Products	Sulfur trioxide and or dioxide fumes. Reacts with metals to form hydrogen gas.					
Reactive under what conditions	Extremely reactive or incompatible with reducing agents, organic materials, metals, alkalies, moisture. Very slightly to slightly reactive with oxidizing agents. Sulfuric acid absorbs moisture from the air.					
SECTION VI		Ţ	OXICOLOGICAL PROPERTIES			
Route of Entry	Ingestion. Skin contact. Inhalation.					
TLV	TWA:	1 mg/	/m³ STEL: 3 mg/m³			
Toxicity for animals	N/A					
Chronic effects on humans	The substance is toxic to blood, kidneys, liver. Repeated or prolonged contact with spray mist may produce chronic eye irritation and severe skin irritation. Target organs: Respiratory system, eyes, skin, teeth.					
Acute effects on humans	Harmful or fatal if swallowed or inhaled. Causes severe burns to skin and eyes.					
SECTION VII		P	REVENTIVE MEASURES			
Waste Disposal	Discharge, treatment, or disposal may be subject to local laws. Consult your local or regional authorities.					
Storage	May corrode metallic surfaces. Corrosive materials should be stored in a separate safety storage cabinet or room.					
Precautions	Keep container tightly closed and in a cool place. Causes burns. Avoid contact with skin and eyes. Do not ingest. Do not inhale vapors or spray. Keep away from incompatible materials. Sulfuric acid absorbs moisture from the air.					
Spill or leak	Dilute with water and mop up, or absorb with an inert DRY material and place in an appropriate waste disposal container. If necessary: Neutralize the residue with a dilute solution of sodium carbonate. Wash spill area with soap and water.					
Protective Clothing	Splash goggles, lab coat, vapor respirator, gloves.					
SECTION VIII		F	IRST AID MEASURES			
Specific first aid measures	advise contac eyelids contan fresh a	on: (d by the lens open open open open open open open open	Call physician or Poison Control Center immediately. Induce vomiting only if the appropriate medical personnel. Eye contact: Check for and remove any ses. Immediately flush eyes with running water for at least 15 minutes, keeping n. Seek medical attention. Skin contact: Gently and thoroughly wash the ed skin with running water and non-abrasive soap. Inhalation: Move victim to not breathing, give artificial respiration. If breathing is difficult, give oxygen. to rest in a well ventilated area. Seek immediate medical attention.			
			× 5/400-0			
SECTION IX		P	REPARATION OF THE MSDS			