

# MATERIAL SAFETY DATA SHEET

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IDENTITY	YellowGo <sup>®</sup>
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## SECTION I

<b>MANUFACTURER:</b> A.L. WILSON CHEMICAL CO. 1050 HARRISON AVENUE P.O. BOX 207 KEARNY, NJ 07032	<b>EMERGENCY TELEPHONE NUMBER</b> 800-424-9300 or 703-527-3887
	<b>TELEPHONE NUMBER FOR INFORMATION:</b> 201-997-3300
	<b>DATE PREPARED:</b> January 1, 2007

## SECTION II - IMPORTANT INGREDIENTS / IDENTITY INFORMATION

IMPORTANT COMPONENTS	CHEMICAL IDENTITY	CAS #	%	TLV
TITANOUS SULFATE	Ti <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub>	13130-44-4	< 23	ND
SULFURIC ACID	H <sub>2</sub> SO <sub>4</sub>	7664-93-9		1.0Mg/M <sup>3</sup>
CITRIC ACID	C <sub>6</sub> H <sub>8</sub> O <sub>7</sub>	77-92-9		
WATER	H <sub>2</sub> O	7732-18-5		
AMMONIUM BIFLUORIDE	NH <sub>4</sub> FHF	1341-49-7		TWA= 2.5 Mg/M <sup>3</sup> as F

## SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

<b>BOILING POINT</b>	NA	<b>SPECIFIC GRAVITY (H<sub>2</sub>O=1)</b>	1.45 approx.
<b>VAPOR PRESSURE (mm Hg)</b>	ND	<b>MELTING POINT</b>	NA
<b>VAPOR DENSITY (air =1)</b>	ND	<b>EVAPORATION RATE (butyl acetate =1)</b>	ND
<b>SOLUBILITY IN WATER</b>	highly soluble		
<b>APPEARANCE AND ODOR</b>	violet to black solution and pungent odor		

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

<b>FLASH POINT</b>	NA (method used)	<b>FLAMMABLE LIMITS</b>	NA
<b>EXTINGUISHING MEDIA</b>	dry chemical		
<b>SPECIAL FIRE FIGHTING PROCEDURES</b>	ND		
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS</b>	Hydrogen gas may be generated when acid comes in contact with metal.		

## SECTION V - REACTIVITY DATA

<b>STABILITY</b>	stable	<b>CONDITIONS TO AVOID</b>	
<b>INCOMPATIBILITY (MATERIALS TO AVOID)</b>	alkalis, oxidizing compounds, metals		
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	ND		
<b>HAZARDOUS POLYMERIZATION</b>	will not occur		

See Page 2 for more information.

**SECTION VI - HEALTH HAZARD DATA****EFFECTS OF OVEREXPOSURE****EYES:** May produce burns.**SKIN:** May produce burns.**INGESTION:** May cause injury.**INHALATION:** May be injurious to the lungs.**FIRST AID**

In each case of overexposure, after first aid treatment, see a physician as soon as possible thereafter.

**EYES:** Immediately flush thoroughly with water for 15 minutes.**SKIN:** Immediately flush thoroughly with water. Remove contaminated clothes.**INGESTION:** Immediately drink large quantities of water.**INHALATION:** Immediately remove victim from source of exposure.**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Neutralize acidity with soda ash or lime.

**WASTE DISPOSAL METHOD**

Dispose of in accordance with federal, state and local regulations.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

Store in cool dry place away from alkalis and oxidizing material.

**OTHER PRECAUTIONS**

Do not store in substitute container. Wash thoroughly after use.

**SECTION VIII - CONTROL MEASURES**

<b>RESPIRATORY PROTECTION</b> ND	<b>VENTILATION</b> local exhaust
<b>PROTECTIVE GLOVES</b> desirable	<b>EYE PROTECTION</b> chemical goggles
<b>OTHER PROTECTIVE CLOTHING OR EQUIPMENT</b> protective clothing, apron, boots, hat	
<b>WORK/HYGIENIC PRACTICES</b> Practice good personal hygiene. Wash contaminated clothes before reuse.	

NA = Not Applicable

ND = Not Determined

See Page 1 for more information.