

MATERIAL SAFETY DATA SHEET

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IDENTITY	YellowGo[®]
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SECTION I

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

SECTION II - IMPORTANT INGREDIENTS / IDENTITY INFORMATION

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

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT	NA	SPECIFIC GRAVITY (H₂O=1)	1.45 approx.
VAPOR PRESSURE (mm Hg)	ND	MELTING POINT	NA
VAPOR DENSITY (air =1)	ND	EVAPORATION RATE (butyl acetate =1)	ND
SOLUBILITY IN WATER	highly soluble		
APPEARANCE AND ODOR	violet to black solution and pungent odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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

SECTION V - REACTIVITY DATA

STABILITY	stable	CONDITIONS TO AVOID	
INCOMPATIBILITY (MATERIALS TO AVOID)	alkalis, oxidizing compounds, metals		
HAZARDOUS DECOMPOSITION PRODUCTS	ND		
HAZARDOUS POLYMERIZATION	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**RESPIRATORY PROTECTION**

ND

VENTILATION

local exhaust

PROTECTIVE GLOVES

desirable

EYE PROTECTION

chemical goggles

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

protective clothing, apron, boots, hat

WORK/HYGIENIC PRACTICES

Practice good personal hygiene. Wash contaminated clothes before reuse.

NA = Not Applicable**ND = Not Determined**

See Page 1 for more information.