

Xylex 6-18-6

Material Safety Data Sheet (rev.01/05)

**SECTION I PRODUCT IDENTIFICATION**

	<b>NFPA HAZARD RATINGS</b>
	HEALTH HAZARD 1      FIRE HAZARD 0      REACTIVITY 0
	<b>SARA/ TITLE III HAZARD CATEGORIES</b>
	Immediate (ACUTE) Health: None      Reactive Hazard: None
	Delayed (Chronic) Health: Yes      Fire Hazard: None      Sudden Release of Pressure: N/ A
Company Name:	STOLLER USA, INC.
Address:	4001 W. Sam Houston Parkway, N., Suite 100 Houston, Texas 77043-1226 U.S.A.
Emergency Phone Number:	CHEMTREC: In the U.S. and Canada call Toll-free: 1 (800) 424-9300 From other countries call collect: 1 (703) 527-3887
Phone Number for Information:	1 (800) 539-5283 or 1 (713) 461-1493
Chemical Family:	Phosphoric acid solutions.
Chemical Name & Synonyms:	Metallic salts
Formula:	See SECTION II COMPOSITION/ INGREDIENTS INFORMATION
Trade name & Synonyms:	<b>XYLEX 6-18-6</b>

**SECTION II PHYSICAL AND CHEMICAL CHARACTERISTICS**

<b>INGREDIENTS:</b>	<b>CAS#</b>	<b>Approx. %</b>	<b>TLV</b>
Urea	57-13-6	13	N/ E

**SECTION III PHYSICAL AND CHEMICAL CHARACTERISTICS**

<b>BOILING POINT:</b>	N/ E	<b>VAPOR PRESSURE (mm/ Hg):</b>	
<b>MELTING POINT:</b>	N/ A	<b>VAPOR DENSITY (air = 1):</b>	>1
<b>SPECIFIC GRAVITY:</b>	1.21	<b>REACTIVITY IN WATER:</b>	N/ A
<b>SOLUBILITY IN WATER:</b>	>99%	<b>EVAPORATION RATE:</b>	<1
<b>APPEARANCE AND ODOR:</b>	Clear blue/ green liquid with no odor.		
<b>PERCENT VOLATILE BY VOLUME:</b>	N/ A		

**SECTION IV FIRE AND EXPLOSION DATA**

<b>FLASH POINT:</b>	N/ E		
<b>FLAMMABLE LIMITS:</b>	N/ E	<b>LEL: NOT ESTABLISHED</b>	<b>UEL: NOT ESTABLISHED</b>
<b>EXTINGUISHER MEDIA:</b>	Water, CO <sub>2</sub> , or dry chemicals.		
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	Wear self- contained breathing apparatus.		
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b>	Toxic fumes may be generated at elevated temperatures.		

**SECTION V****PHYSICAL HAZARDS (REACTIVITY DATA)**

**STABILITY:**  
**CONDITIONS TO AVOID:**  
**INCOMPATIBILITY, MATERIALS TO AVOID:**  
**HAZARDOUS DECOMPOSITION PRODUCTS:**  
**HAZARDOUS POLYMERIZATION:**  
**MAY OCCUR:**                      **WILL NOT OCCUR: X**

Stable: Yes            Unstable:  
Stable under normal conditions.  
Water reactive and Alkaline materials.  
Oxides of nitrogen and phosphorus.  
None

**SECTION VI****HEALTH HAZARDS****A. EXPOSURE LIMITS:**

1. OSHA Permissible Exposure Limit (PEL): N/ E
2. Threshold Limit Value (TLV): Phosphoric acid 1 mg/ m3  
1 mg/ m3 as Zn  
1 mg/ m3 as Fe, ceiling level.  
1 mg/ m3 as Mo  
1 mg/ m3 as B  
1 mg/ m3 as Cu, ceiling level.

**B. CARCINOGEN OR POTENTIAL CARCINOGEN:**

1. NPT: N/ A
2. IARC: N/ A
3. OSHA: N/ A

**C. EFFECTS OF OVEREXPOSURE:****1. ACUTE:**

**EYES:** May cause severe irritation and lesions.

**SKIN:** May burn on extended contact or on moist or injured skin.

**INHALATION:** May be irritating to respiratory tracts.

**INGESTION:** May chemically burn mouth and throat; may cause nausea, vomiting, abdominal pain and diarrhea. Can be fatal.

**2. CHRONIC: N/ E****D. EMERGENCY FIRST AID PROCEDURES:**

**EYES:** Flush thoroughly with running water for 15 minutes. Seek medical attention.

**SKIN:** Wash thoroughly with soap and water. Rinse thoroughly. Seek medical attention if inflammation occurs. Do not attempt to neutralize with chemicals.

**INHALATION:** Remove from exposure area if irritation exists from mists or in the event of massive inhalation. Seek medical attention.

**INGESTION:** Give as much milk or water as possible, do not induce vomiting and call physician immediately. If vomited, give more milk or water. Never give anything by mouth to an unconscious person. If symptoms of central nervous system stimulation occur or skin rash is present, give 10% dextrose in water or saline as fluid balance indicator.

**E. ANIMAL TOXICITY DATA:** Urea LD50 ... (oral- rat) = 14,300 mg/ kg

Phosphoric acid LD50 ... (oral- rat) = 1,530 mg/ kg

**SECTION VII****SPECIAL PRECAUTIONS & SPILL/ LEAK PROCEDURES**

**HANDLING AND STORAGE:** Keep containers closed and dry. Wash hands thoroughly after using.

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED:** Prevent material from entering sewers or waterways. Collect and contain for salvage or disposal. Absorb waste on inert media and dispose of as solid waste.

**WASTE DISPOSAL METHODS:** Since emptied packages retain product residue follow label warnings even after package is emptied. Dispose of in compliance with all federal, state and local laws concerning health and environment.

**SECTION VIII****SPECIAL PROTECTION / CONTROL MEASURES**

**RESPIRATORY PROTECTION:** As required by conditions. Use an OSHA or NIOSH approved respirator if required.

**LOCAL EXHAUST:** Provide general or local exhaust ventilation.

**SPECIAL VENTILATION:** N/ A

**PROTECTIVE GLOVES:** Wear protective gloves impervious to this material.

**OTHER SPECIAL CLOTHING/ EQUIPMENT:** Wear protective gloves and clothing impervious to this material. Eye wash fountain and washing facilities should be located in immediate work area.

**WORK/ HYGIENIC PRACTICES:** Wash thoroughly after handling. Do not smoke, eat or chew gum or tobacco when handling chemicals.

**SECTION IX****ENVIRONMENTAL EFFECTS DATA**

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Available data on the raw materials does not indicate an undue hazard to the environment under anticipated conditions of storage and use. Any waste due to spillage or leakage should be contained and disposed of as a Fertilizer, not to exceed 3lbs. of actual Boron per acre (see above under Waste Disposal Methods). Due to its nutrient value, may contribute to eutrophication in bodies of water. To aid our customers in complying with regulatory requirements, SARA Title III hazard categories for this product are indicated in Section I. If the word "YES" appears next to any category, this product may be reportable by you under the requirements of 40 CFR Part 370. Please consult those regulations for details.

**SECTION X****TRANSPORTATION DATA**

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**PROPER SHIPPING NAME:** XYLEX 6-18-6

**DOT HAZARD CLASS:** 8

**PLACARD:** CORROSIVE

**USDOT Proper Shipping Name:** UN1805  
PHOSPHORIC ACID, LIQUID, Mixture  
8, III

**IATA Proper Shipping Name:** N/ A

**IMO Proper Shipping Name:** N/ A

Stoller Enterprises, Inc., believes the information contained in this material safety data sheet is accurate based on the information supplied by reputable suppliers of our raw materials. The information contained herein is furnished without warranty of any kind. Users should consider these data 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 and disposal of these materials and the safety and health of employees and customers.