

Calcium 5S

Material Safety Data Sheet (rev.03/27)

SECTION I PRODUCT IDENTIFICATION

	NFPA HAZARD RATINGS
HEALTH HAZARD 0	FIRE HAZARD 0 REACTIVITY 0
	SARA/ TITLE III HAZARD CATEGORIES
Immediate (ACUTE) Health: NO	Reactive Hazard: NO
Delayed (Chronic) Health: NO	Fire Hazard: NO Sudden Release of Pressure: NO
Company Name:	STOLLER USA, INC.
Address:	4001 W. Sam Houston Parkway, N., Suite 100 1-800-424-9300 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 Name & Synonyms:	N/ A mixture
Formula:	Proprietary
Trade name & Synonyms:	CALCIUM 5S

SECTION II PHYSICAL AND CHEMICAL CHARACTERISTICS

INGREDIENTS:	CAS#	Approx. %	TLV
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SECTION III PHYSICAL AND CHEMICAL CHARACTERISTICS

BOILING POINT:	220 °F	VAPOR PRESSURE (mm/Hg):	20
MELTING POINT:		VAPOR DENSITY (air = 1):	Similar to H ₂ O
SPECIFIC GRAVITY:	1.1	REACTIVITY IN WATER:	
SOLUBILITY IN WATER:	Soluble	EVAPORATION RATE:	<1
APPEARANCE AND ODOR:	Clear liquid, light peach color, and distinctive mild odor.		
PERCENT VOLATILE BY VOLUME:		60-65 typical	

SECTION IV FIRE AND EXPLOSION DATA

FLASH POINT:	Not Established	LEL:	UEL:
FLAMMABLE LIMITS:			
EXTINGUISHER MEDIA:	Product is non- flammable. Water, CO, or Dry Chemicals may be used to fight surrounding fire.		
SPECIAL FIRE FIGHTING PROCEDURES:	Wear self- contained breathing apparatus.		
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Toxic fumes may be generated at elevated temperatures.		

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

STABILITY:	Stable: Yes	Unstable:
INCOMPATIBILITY, MATERIALS TO AVOID:	Avoid mixing with strong acids or oxidizing agents.	
HAZARDOUS DECOMPOSITION PRODUCTS:	Toxic fumes may evolve during extreme heat, as under fire conditions.	
HAZARDOUS POLYMERIZATION:	None	
MAY OCCUR:	WILL NOT OCCUR: X	

SECTION VI**HEALTH HAZARDS**

A. EXPOSURE LIMITS:

1. OSHA Permissible Exposure Limit (PEL): None Established
2. Threshold Limit Value (TLV): None Established
3. (LD₅₀): Not established, homologues have LD₅₀'s of 12 g/ Kg (rats)

B. CARCINOGEN OR POTENTIAL CARCINOGEN:

1. NPT: No
2. IARC: No
3. OSHA: No

C. EFFECTS OF OVEREXPOSURE: May cause malaise, nausea, gastrointestinal damage. Large doses may cause liver and kidney damage or even death.

1. **ACUTE:**

EYES: IMMEDIATELY flush eyes with a directed stream of water for at least 15 minutes forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissue. GET MEDICAL ATTENTION.

SKIN: Wash thoroughly with soap and water. Wash clothing before reuse. IF IRRITATION OCCURS, GET MEDICAL ATTENTION.

INHALATION: If symptoms develop, get person out of contaminated area to fresh air.

INGESTION: NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Have patient drink several glasses of water, then induce vomiting by having patient tickle back of throat with finger. Keep airways clear. GET MEDICAL ATTENTION IMMEDIATELY.

D. ANIMAL TOXICITY DATA:Not completed

E. ADDITIONAL INFORMATION:N/ A

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

HANDLING AND STORAGE:Normal warehouse storage for non- bulk packaging is satisfactory. For bulk storage, use tanks made of HDPE, carbon steel or stainless steel. Avoid aluminum, copper or brass in tanks, lines or pumps. Product will freeze below 32°F.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED: Collect and contain for salvage or disposal. Absorb waste on inert media and dispose of as solid waste.

WASTE DISPOSAL METHODS: Dispose of in compliance with all federal, state and local 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.

VENTILATION: General ventilation is usually adequate.

LOCAL EXHAUST: Local exhaust should be used if needed for safe, comfortable working conditions.

SECTION IX**ENVIRONMENTAL EFFECTS DATA**

This product has not been tested for environmental effects. If discharged into the marine environment it may be toxic to fish or other marine organisms, and due to its nutrient value may contribute to eutrophication in bodies of water. The available data on the raw materials does not indicate an undue hazard to the environment under anticipated conditions of storage and use.

SECTION X**TRANSPORTATION DATA**

DOT HAZARD CLASS: Not Applicable

PLACARD: N/ A

IATA Proper Shipping Name: N/ A

IMO Proper Shipping Name: N/ A

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