

**MATERIAL SAFETY DATA SHEET**

**DISTRIBUTOR:**

Lange-Stegmann Company  
One Angelica Street  
St. Louis, MO 63147  
Phone: 314-241-9531

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**SECTION I - PRODUCT IDENTITY AND MANUFACTURING INFORMATION**  
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**PRODUCT:** Lange-Stegmann Fertilizer Granular Triple Super Phosphate 00-46-00  
**PRODUCT CODE:** 004600A  
**DATE PREPARED/REVISED:** Jan 2008  
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**SECTION II - INGREDIENTS AND IDENTITY INFORMATION**  
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<b><u>INGREDIENTS:</u></b>	<b><u>PEL</u></b>	<b><u>TLV</u></b>
Calcium Phosphate Monobasic CAS# 65995-94-2	15mg/m <sup>3</sup> *	10mg/m <sup>3</sup> *

\* as nuisance dust  
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**SECTION III - PHYSICAL AND CHEMICAL PROPERTIES**  
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Boiling Point 760mm/Hg: Decomposes	Specific Gravity (H <sub>2</sub> O=1): 2.20
Vapor Density (Air=1): NA	% Volatiles by volume: N/A
Appearance and Odor: Gray granular solid; odorless.	
pH: 2.5 - 2.8 (1% Aqueous Solution)	Octanol/Partition COEF: NA
Evaporation Rate (Butyl Acetate=1): NA	Freezing Point: N/A
Vapor Pressure: NA	Solubility in H <sub>2</sub> O: Yes

  
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**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**  
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Flash Point (Closed Cup) Range: NA	Explosion Limit (%): Lower: NA Upper: NA
Auto Ignition Temperature: NA	Flammable limits in Air, % by volume: NA
Extinguishing Media: Use media needed to control surrounding fire.	
Special Fire Fighting Procedures: Wear self-contained breathing apparatus, positive pressure and full protective clothing.	
Unusual Fire and Explosion Hazards: Exposure to temperatures over 1800 <sup>0</sup> F may cause evolution of irritating fluoride gases.	

  
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**SECTION V - HEALTH HAZARD INFORMATION**  
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Acute Oral LD50: NA	Acute Dermal LD50: NA
Primary Dermal Irritation: Contact may cause skin irritation.	
Primary Eye Irritation: Contact may cause eye irritation.	
Inhalation 4 hr. LC50: NA	
Chronic Effects: None found.	
<b><u>Emergency and First Aid Procedures:</u></b>	
EYES: Wash thoroughly with running water for at least 15 minutes.	
SKIN: Wash with soap and water thoroughly. If irritation persists, seek medical attention.	
INHALATION: Remove to fresh air. Contact medical personnel if symptoms occur.	
INGESTION: If conscious, give large amounts of water. Induce vomiting. Get medical attention	
Note to Physician: Symptomatic treatment only.	

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## SECTION VI - REACTIVITY DATA

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**Material Reacts Violently With:** NA

**Hazardous Decomposition Products:** Inorganic fluorides and sulfur oxides.

**Incompatibility:** None.

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## SECTION VII - SPECIAL PROTECTION INFORMATION

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Protective equipment should be used in the manufacture or formulation of this product, including the following:

**RESPIRATORY PROTECTION:** Where exposure limits are exceeded, wear a suitable respirator, (MSHA/NIOSH approved or equivalent).

**VENTILATION:** Work area must have adequate ventilation to limit exposure to this product.

**PROTECTIVE CLOTHING:** Rubber gloves, long-sleeved shirt, shoes and socks.

**EYE PROTECTION:** Goggles or glasses.

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## SECTION VIII - SPILL OR LEAK PROCEDURES

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Steps to be taken in case material is released or spilled. 1) Contain spill. 2) Collect into clean container and mark properly. 3) Recovered product may be applied per label instructions.

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## SECTION IX - SPECIAL PRECAUTIONS

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**CAUTION:** Hazardous to humans and domestic animals. Harmful if swallowed. Do not inhale dust. Do not allow contact with skin, eyes or clothing. Wash hands thoroughly after handling.

**STORAGE AND DISPOSAL STATEMENTS:**

**STORAGE:** Store in original container, and keep any bags containing unused product in a locked storage area, inaccessible to children and domestic animals. Do not store near food or feedstuffs. To prevent cross contamination, do not store near other fertilizer, or near herbicides, insecticides, fungicides, or seeds.

**PRODUCT DISPOSAL:** To dispose of bags containing unused product, securely wrap bag in several layers of newspaper and discard in trash.

**CONTAINER DISPOSAL:** Do not reuse empty bag. Fold empty bag and discard in trash.

**SUMMARY:** The information and statements in these Material Safety Data Sheets are believed to accurately reflect the scientific evidence used in making the hazard determination, but is not to be construed as a warranty or representation for which we assume legal responsibility. Additional information may be necessary or desirable, depending on particular, exceptional, or variable conditions or circumstances of use, or storage, or because of locally applicable laws or government regulations. Therefore, you should use this information only as a supplement to other information available to you, and must make independent determinations of the suitability of the information for your particular circumstances, or conditions, and of the completeness of the information available from all sources, to assure both the proper use of the material described herein and the safety and health of employees.