

# Material Safety Data Sheet

I. GENERAL INFORMATION	
<u>TRADE NAME</u> KEM-GEST™ for Swine Dry	<u>CHEMICAL FAMILY</u> Acidifier
<u>PROPER DOT SHIPPING NAME</u> None	<u>DOT HAZARD CLASSIFICATION</u> N/A
<u>MANUFACTURER</u> Kemin Industries, Inc.	<u>MANUFACTURER PHONE NUMBER</u> (515) 559-5100
<u>ADDRESS</u> 2100 Maury Street	<u>CITY/STATE/ZIP</u> Des Moines, Iowa 50317

II. INGREDIENTS		
PRINCIPAL COMPONENTS	PERCENT	THRESHOLD LIMIT VALUE
Ground Corn Cob	N/A	N/A
Phosphoric Acid	N/A	1 mg/m <sup>3</sup>
Fumaric Acid	N/A	N/A
Amorphous Silicon Dioxide	N/A	10 mg/m <sup>3</sup>
Lactic Acid	N/A	N/A
Citric Acid	N/A	N/A

III. PHYSICAL DATA	
APPEARANCE & ODOR: Beige	
BOILING POINT: N/A	SOLUBILITY IN WATER: N/A
VAPOR PRESSURE: N/A	BULK DENSITY: 30 – 35 lbs/ft <sup>3</sup>
VAPOR DENSITY (Air = 1): N/A	RESIDUE: Less then 5% (20 mesh screen)
EVAPORATION RATE ( =1): N/A	pH: 1.2 – 1.6 (of a 10% solution)

IV. FIRE & EXPLOSION HAZARD DATA		
FLASH POINT (TEST METHOD): ( ° F) Tag Closed Cup ASTM D56-79		
FLAMMABLE LIMITS:	LEL: N/A	UEL: N/A
EXTINGUISHING MEDIA: None		
SPECIAL FIRE FIGHTING PROCEDURES: None		
UNUSUAL FIRE & EXPLOSION HAZARDS: None		

V. HEALTH HAZARD DATA	
EYE CONTACT:	Flush eyes with water at least 15 minutes. Consult a physician.
SKIN CONTACT:	Wash with water.
INHALATION:	Handle in well ventilated area. Remove to fresh air.
INGESTION:	Consult a physician.
EMERGENCY FIRST AID:	Whenever first aid is required, it should be given immediately. Prompt treatment may greatly decrease the severity of the effect.

VI. REACTIVITY DATA		
STABILITY:	Unstable..... <input type="checkbox"/> Stable..... <input checked="" type="checkbox"/>	CONDITIONS TO AVOID: N/A
INCOMPATIBILITY:	None	MATERIALS TO AVOID: N/A
HAZARDOUS POLYMERIZATION:	May Occur .... <input type="checkbox"/> Not Occur..... <input checked="" type="checkbox"/>	CONDITIONS TO AVOID: N/A
HAZARDOUS DECOMPOSITION PRODUCTS:	None	

**VII: ENVIRONMENTAL PROTECTION PROCEDURES**

**SPILL RESPONSE:** Spills may be swept up for recovery or appropriate waste disposal.

**WASTE DISPOSAL:** Dispose in accordance with federal, state, and local regulations.

**VIII: SPECIAL PROTECTION INFORMATION**

**EYE PROTECTION:**

Goggles recommended.

**SKIN PROTECTION:**

Avoid prolonged exposure. Rubber gloves recommended.

**RESPIRATORY INFORMATION:**

Use of a NIOSH approved respirator is recommended if exposure may, or does exceed occupational exposure limits.

**VENTILATION RECOMMENDED**

Local exhaust recommended.

**OTHER PROTECTION:**

**IX. SPECIAL PRECAUTIONS**

**OTHER PRECAUTIONS:** Store in a cool, dry place. Keep container closed when not in use.

**ISSUE DATE:**

01/19/07

**SUPERSEDES:**

06/14/01