

# Material Safety Data Sheet

I. GENERAL INFORMATION	
<u>TRADE NAME</u> Silage Savor Plus Liquid	<u>CHEMICAL FAMILY</u> Preservatives
<u>PROPER DOT SHIPPING NAME</u> None	<u>DOT HAZARD CLASSIFICATION</u> None
<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
Propionic Acid	N/A	N/A
Water	N/A	N/A
Acetic Acid	N/A	N/A
Ammonium Hydroxide	N/A	N/A
Mono and Diglycerides	N/A	N/A
Butylated Hydroxytoluene	N/A	N/A
Benzoic Acid	N/A	N/A
FD&C Yellow #5.	N/A	N/A

III. PHYSICAL DATA	
<u>APPEARANCE &amp; ODOR:</u> Yellow liquid with a acidic odor	
<u>BOILING POINT:</u> N/A	<u>SOLUBILITY IN WATER:</u> N/A
<u>VAPOR PRESSURE:</u> N/A	<u>SPECIFIC GRAVITY:</u> 1.06-1.08
<u>VAPOR DENSITY (Air = 1):</u> N/A	<u>VISCOSITY:</u> N/A
<u>EVAPORATION RATE ( =1):</u> N/A	<u>pH:</u> 5.2-5.4

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

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

VI. REACTIVITY DATA		
<u>STABILITY:</u>	Unstable..... <input type="checkbox"/> Stable..... <input checked="" type="checkbox"/>	<u>CONDITIONS TO AVOID:</u> N/A
<u>INCOMPATIBILITY:</u>		<u>MATERIALS TO AVOID:</u> N/A
<u>HAZARDOUS POLYMERIZATION:</u>	May Occur .... <input type="checkbox"/> Not Occur..... <input checked="" type="checkbox"/>	<u>CONDITIONS TO AVOID:</u> N/A
<u>HAZARDOUS DECOMPOSITION PRODUCTS:</u>		

**VII: ENVIRONMENTAL PROTECTION PROCEDURES**

**SPILL RESPONSE:** Adjust the pH prior to appropriate 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. Organic vapor mask recommended.

**VENTILATION RECOMMENDED**

Mechanical exhaust recommended.

**OTHER PROTECTION:**

**IX. SPECIAL PRECAUTIONS**

**OTHER PRECAUTIONS:** Cool weather: Store in a warm place above 35°F. Do not use or store near heat or open flame. Warm weather: Store in dark or deep shade.

ISSUE DATE:

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SUPERSEDES:

04/23/03