



# Product Specifications

2100 Maury Street • Des Moines, Iowa, USA 50317 • tel: 515.559.5100 • www.kemin.com

## KEM SAN® brand Liquid Antimicrobial

### **DESCRIPTION**

For the control of non-public health bacteria in livestock and poultry drinking water, high moisture grains (oats, corn, barley, wheat, and sorghum), hay (alfalfa, clover, timothy, vetch, cowpeas, sudan grass, peavine, rye grass, peanut, orchard grass, lespedeza, fescue, bromegrass, lupines, soybean, Bermuda grass and bluegrass), storage areas for silage and grain, and poultry litter.

### **INGREDIENTS**

Propionic Acid 70.5%.

### **OTHER INGREDIENTS**

29.5%.

<b>QUALITY SPECIFICATIONS</b>	
Guaranteed analysis	Propionic acid – min. 70.5%
Specific gravity	1.06 – 1.10
Refractive index	1.41 – 1.43
Color	Clear to light amber
<b>TYPICAL CHARACTERISTICS</b>	
Weight per gallon	9.02 lbs/gal
Viscosity	60 – 80 cps @ 25°C

### **INSTRUCTIONS FOR USE**

**Drinking Water:** Use as an aid in the reduction of bacteria in processed drinking water for livestock and poultry. Use 1/3 to 1-1/2 fluid ounces per gallon of water. Use 1/3 fluid ounce under normal conditions. Use 1-1/2 fluid ounces when water contains high bacterial contamination.

**Poultry Litter:** Use 6 fluid ounces in one gallon of water. Apply this solution to 1000 square feet of litter using a low-pressure sprayer.

**Feed and HAY:** Use 28.75 fluid ounces (2 pounds) per ton. When used in feed and hay, do not dilute.

This product may only be used during the baling process if appropriate baler equipment is used which prevents exposure of non-target organisms to this pesticide product. Do not apply to pre-harvest hay and straw, cut hay and straw in the field prior to baling, or to hay and straw after it has been baled. Apply product to the hay and straw as it is fed into the baler, using the rates on the label. The baler application equipment must prevent drippage and drift, and must function properly and be used/maintained in accordance with the manufacturer's written operation instructions.

**Silage Storage:** Remove all old silage and dirt from all interior surfaces of the storage areas. Mix 6 fluid ounces in one gallon of water. Apply this solution to 1000 square feet of surface storage areas using a low-pressure sprayer.

**Grain Storage:** Remove all old grain and dirt from all interior surfaces of the storage areas. Mix 6 fluid ounces in one gallon of water. Apply this solution to 1000 square feet of storage areas using a low-pressure sprayer.

***STORAGE***

Store in a warm, dry place above 40°F to prevent freezing.

***PACKAGING***

25 kg drum, 200 kg drum, 850 kg IBC, 1,000 kg IBC and Bulk container

**EPA Registration No.** 8596-31

**EPA EST.** 8596-IA-001

**\*\*NOTE:** This product is regulated by the Environmental Protection Agency.  
Please refer to the product label for complete directions and precautionary statements.