

PALS

Supplier Of Choice

1-800-328-8842

Feed & Medication

4-9-18

NEWSletter

We updated our Website

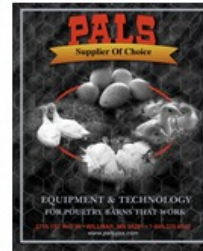
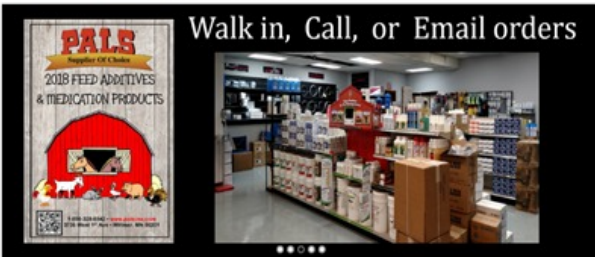
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Your Full Service Supplier Specializing in Poultry and Hog Operations
Serving Minnesota, North & South Dakota, Nebraska, Iowa, Wisconsin (and beyond)

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Do you need a copy of one of our catalogs?

WE HAVE GREAT PRICES ON AJINOMOTO Lysine and Threonine this month.

Call or email for details.

randyyoung@palsusa.com

AJINOMOTO.
AJINOMOTO HEARTLAND, INC.
AJINOMOTO ANIMAL NUTRITION GROUP



Bags or Totes

Mecadox is going up in price soon

Now in Stock: 080170 AMASIL (FORMIC ACID) 240 KG 50 GAL DRUM

INTRODUCING
The Next Generation
in Feed Safety and
Animal Efficiency

AMASIL
Formic Acid
by BASF



TABLE 1

Strongest Organic Acid			
ACID	pKa*	g/mol	Mol/kg
Formic	3.75	46	21.7
Acetic	4.75	60	16.7
Propionic	4.87	74	13.5
Butyric	4.82	88	11.3
Lactic	3.86	90	11.1
Benzoic	4.19	122	8.2
Ascorbic	4.10	176	5.7
Citric	3.08	192	5.2

*lower pKa = stronger acid

SAFE FEED

AMASIL is a feed acidifier that improves feed hygiene and modifies gut microflora for improved animal performance and reduced Salmonella transmission. Backed by 25 years of university and on-farm research, AMASIL is one of the strongest organic acids with the highest molecular density, allowing it to have a more complete and sustained antimicrobial effect in the feed and in the gut.

AMASIL is trusted in poultry diets around the world. **START YOUR TRIAL TODAY.**
CONTACT US AT 1-800-780-9233.

AMASIL NA is FDA approved for feed acidification (21 CFR § 673.696) and GRAS for use in drinking water for poultry and livestock (GRAS statement is available upon request).

BASF
We create chemistry

BALCHEM
Real People. Real Science. Real Results.



1-800-328-8842



SaniDate 5.0

Cid 2000



VS.



Save \$18.12 per 2.5 gallons

Net cost \$49.99
Item#: 080306

Net cost \$68.11
Item#: 080330

University of Arkansas recently released a study validating SaniDate® 5.0 as an effective antimicrobial and line cleaner for use in poultry water systems. Mineral build-up and bacterial biofilms are common in poultry water systems. They result in reduced flow rates and weakened bird performance. Biofilms can also harbor pathogens creating risk of disease throughout entire flocks.

The study conducted by Dr. Susan Watkins and Dr. Geetha Sanal Kumar Phillips determined the effectiveness of SaniDate® 5.0 using different concentrations and varied levels of microbe population as a line sanitizer and as a drinking water sanitizer when birds are present.

As a line sanitizer SaniDate® 5.0 proved effective for reducing aerobic plate counts, yeast and mold levels at test dilution rates of 1:50 or 1:128 and was comparable to CID 2000. As a drinking water inclusion all test dilution rates (1:2,900 - 1:15,059) had a significant impact on aerobic bacteria levels.

Effective in treating:

- Salmonella
- Pseudomonas
- Mold and Mildew
- Strep
- Staph
- Pediococcus damnosus
- E.Coli
- Listeria
- Staphylococcus aureus



PALS is partnering with ZEP Supplier Of Choice

To Promote the heightened need for stringent Biosecurity Measures



Superior Solutions

1-800-328-8842



Micronex™ is a concentrated, multi-purpose, hospital-grade, germicidal detergent and deodorant effective in hard water. It contains a blend of non-ionic detergents, builders, water softening agents and powerful quaternary ammonium germicides.



Zep FS Amine Z™ is a concentrated deodorant and sanitizer containing a "twin chain" type quaternary ammonium compound in a water-based formula. Requires no potable water rinse when used as a sanitizer at 1 oz. per 4 gallons of water. EPA Registered.

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1-800-328-8842
Fax: (320) 235-8869

rx@palsusa.com

Fill your Scripts & VFDs here

Randy Young
Supply Chain Manager

1-800-328-8842 ext. 9523 Fax (320) 235-8869
3735 West 1st Ave. Willmar, MN 56201
randy.young@palsusa.com www.palsusa.com

