



## TECHNICAL SPECIFICATIONS

### DESCRIPTION

Proprietary blend of sulfuric acid and sodium sulfate that helps provide antimicrobial benefits while minimizing organoleptic damage. It is operator-friendly and stable in both diluted and concentrated forms with no off-gassing. Amplon™ has been shown to be effective against typical poultry pathogens, including *Escherichia coli* and *Salmonella* spp.,<sup>1,2</sup> and is an approved antimicrobial agent as a dip or spray, acidifier and processing aid with no labeling requirements.

### USE

Comprised of U.S. Food and Drug Administration Generally Recognized as Safe (GRAS) ingredients. Approved by the U.S. Department of Agriculture for use as an antimicrobial, acidifier and processing aid in water used in meat and poultry processing.<sup>1</sup>

### INGREDIENTS

Water, sulfuric acid and sodium sulfate (Food Chemicals Codex (FCC)-grade materials)

### PACKAGING

55-gallon poly drum, 260-gallon tote IBCs, 4,000-gallon bulk trailer (lined)

### PRODUCT WEIGHT

11.3 lb./gal.

### PROPERTIES<sup>3</sup>

APPEARANCE	Clear, colorless to light amber liquid
pH	1.4 to 1.6 (1:100 v/v dilution)
SPECIFIC GRAVITY AT 25°C	1.36
SOLUBILITY	Very soluble in water

## DOT CLASSIFICATION

UN3264, corrosive liquid, acidic, inorganic, n.o.s. (sulfuric acid), 8, PG III

## STORAGE

Recommend storage in closed building/warehouse to help protect from environmental elements. Store tightly covered away from heat, acids, bases and oxidizers. Protect from freezing. Store at temperatures < 50°C/122°F. Keep containers closed in a well-ventilated place when not in use.

## HANDLING

Use with adequate ventilation. Avoid breathing vapor or mist. Avoid contact with eyes, skin and clothing. When handling, use appropriate personal protective equipment. See Safety Data Sheet (SDS).

## CHEMICAL INCOMPATIBILITY

Avoid contact with strong alkaline material such as caustics and strong reducing agents. Do not mix with halogenated (chlorine) compounds.

## MATERIAL COMPATIBILITY

Equipment should be compatible with corrosive chemicals (sulfuric acid).

## METALS

Recommended for use (after product has been diluted to working pH levels): Stainless steel Types 304 and 316, Alloy-20®, Hastelloy® C-22®, tantalum.

## PLASTICS

Recommended for use (both concentrate and diluted product): Polypropylene (PP), polyethylene (PE), polyvinyl chloride (PVC), chlorinated polyvinyl chloride (CPVC), Teflon® (PTFE), Viton®, Santoprene®, polyvinylidene fluoride (PVDF — Kynar®, Hylar®, Solef®).

## PRODUCT SUPPORT INFORMATION

As part of our continuous effort to ensure the quality of our products, we have a dedicated hotline for product concerns. If you have any issues with product quality, please call 800-366-5288.

**FOR MORE INFORMATION OR TO ORDER, PLEASE CONTACT US AT  
800-366-3424 OR FOODSAFETY@ZOETIS.COM.**

The Zoetis logo, featuring the word "zoetis" in a lowercase, bold, sans-serif font. The letter "z" is stylized with a curved underline that extends to the right.

<sup>1</sup> U.S. Department of Agriculture Food Safety and Inspection Service. FSIS directive 7120.1. Available at: <http://www.fsis.usda.gov/wps/wcm/connect/bab10e09-aefa-483b-8be8-809a1f051d4c/7120.1.pdf?MOD=AJPERES>. Accessed September 18, 2014.

<sup>2</sup> Data on file. Study Report No. 06-14-70A00, Zoetis Inc.

<sup>3</sup> Safety Data Sheet on Amplon, 2014, Zoetis Inc.