

MICROBIAL INTERVENTION CHEMISTRIES



FSMA regulations and increased media coverage of food safety incidents have led to an unprecedented focus on microbial intervention strategies in industries including meat, poultry, produce and dairy. Direct chemical microbial intervention methods are plentiful, and many producers and processors are utilizing multiple intervention steps in ongoing efforts to ensure food safety. Let the experts at Hydrite Chemical Co. lend you their expertise and help you **navigate the complex intervention chemistry landscape**. Hydrite Chemical Co. provides producers and processors access to a full line of cutting edge intervention techniques with FDA and USDA approvals.

COMMON INTERVENTION CHEMISTRIES

Substance	Example Applications
Acetic Acid	<ul style="list-style-type: none">• Dried and fermented sausage• Carcass Wash applied pre-chill
Citric Acid	<ul style="list-style-type: none">• Beef trimmings prior to grinding• Prior to slicing bologna• Separated beef heads/offal products• Carcass Wash applied pre-chill• Brine to cool RTE meat products
Lactic Acid	<ul style="list-style-type: none">• Livestock carcasses prior to fabrication• Beef/pork subprimals and trimmings• Beef heads and tongues• Carcass Wash applied pre-chill
Lactic/Citric Blends	<ul style="list-style-type: none">• Meat and poultry carcasses, heads and organs• Primal and subprimal cuts
Peroxyacetic Acid (PAA) Blends	<ul style="list-style-type: none">• Meat/Poultry• Pre-Formed Meats/Poultry• Fish and Seafood• Fruits and Vegetables• Shell Eggs• Sauces and Marinades

MICROBIAL INTERVENTION CHEMISTRIES

SPECIALTY INTERVENTION CHEMISTRIES



PEROXYACETIC ACID (PAA)

Hydrite Name: HydriShield PA 22 HP

Regulatory: FSIS Listed, FCN 1872

Example Applications:

- Meat/Poultry
- Pre-formed Meat/Poultry
- Fish and Seafood
- Fruits and Vegetables
- Shell Eggs
- Sauces and Marinades

TRISODIUM PHOSPHATE

Hydrite Name: HydriPhos

Regulatory: FSIS Listed

Example Applications:

- Poultry Applications
- Pre- or Post-chill

Hydrite has developed a unique, on site method for the generation of liquid trisodium phosphate, and deliver product directly to the point of application.

CARCASS KLEAN NO. 252

Concentrated caustic based solution uniquely formulated to improve wetting ability when used to wash hides and meat.

Regulatory: GRAS

Example Applications:

- Hog scalding
- Poultry de-feathering
- Carcass Washing