

## PERACETIC ACID FOR GRAIN TEMPERING



Safe flour starts with healthy wheat. That means ridding grain of harmful microorganisms before milling. That's why Enviro Tech created **Peragrain A**, a new food safety formulation designed specifically to preserve grain safety and flour integrity during the tempering process. This is especially important for enhancing the safety of uncooked wheat products, such as cookie dough, that are designed to be eaten raw. **Peragrain A** helps reduce the risk of microbial contamination, maintains flavor, texture, and appearance, without requiring any process changes.

Reduces spoilage and pathogenic organisms

No impact on production yield

Biodegradable, no toxic by-products

Requires no changes to tempering process

**Peragrain A** is a peracetic acid-based antimicrobial processing aid that effectively reduces pathogenic and spoilage organisms during the grain tempering process.

**Peragrain A** is OMRI-listed for organic production, doesn't require additional tempering steps, saves time, and helps ensure safe, healthy flours.

Product information available through:



More than 425 million tons of flour are processed worldwide. Raw grain used in the flour mill process can become contaminated with *E. coli*, *Salmonella*, and other dangerous microbes. **Peragrain A** is a proactive measure flour millers can use to protect grain against pathogenic contamination in processing, storage, and transport.

Contact your local Enviro Tech representative for more information.

## Enhance Wheat Product Safety with Peragrain A

Incorporating **Peragrain A** during tempering is an important measure for helping ensure the safety of ready-to-bake products by minimizing the presence of harmful bacteria in wheat goods. By utilizing an ideal concentration of 2,000–6000-ppm peracetic acid, you can effectively combat microbes, tailored to suit various factors such as organic and micro-loading levels. Adhering to the guidelines set forth in Food Contact Notification (FCN) 2168 is key in maximizing the benefits of **Peragrain A**.

## Chemical Composition

**Peragrain A** is an equilibrium mixture of peracetic acid, hydrogen peroxide, acetic acid, proprietary ingredients, and water.

## Physical Properties

Peracetic acid (% wt.)	14.8–15.7
H <sub>2</sub> O <sub>2</sub> (% wt.)	21.5–22.5
Acetic acid (% wt.)	15.8–16.6

