



TECHNICAL SPECIFICATIONS

DESCRIPTION

ACTROL™ is a peroxyacetic acid-based product for use in sanitizing applications in the food processing industry.^{1,2} ACTROL™ is approved for fogging and continuous conveyor belt sanitizing including poultry parts applications. It is used at low solution concentration to rapidly kill bacteria. It is more tolerant than most sanitizers to pH, temperature, water hardness, and organic soil.

USE

Approved for use as an antimicrobial agent in water for meat and poultry processing applications.^{1,3,4}

INGREDIENTS

Acetic acid, peroxyacetic acid, hydrogen peroxide

PACKAGING

55 gallon poly drums, 265 gallon totes

PRODUCT WEIGHT

9.17-9.67 lbs/gallon

PROPERTIES⁵

APPEARANCE	Colorless viscous liquid
pH	<2.2
SPECIFIC GRAVITY AT 25°C	1.10 - 1.16
ODOR	Sharp, pungent, vinegar like odor
SOLUBILITY	Very soluble in water

PRECAUTIONARY STATEMENTS

DANGER — oxidizer, corrosive

DOT CLASSIFICATION

UN3109, organic peroxide, Type F Liquid, (peroxyacetic acid, stabilized), 5.2, (8), PGII

STORAGE

Store in original containers in a dry, cool, well-ventilated area, away from direct sunlight or sources of ignition or heat. Do not store near reducing agents, fuels or other non-compatible materials. For quality purposes, avoid temperatures below 32°F and above 86°F. Containers must be vented to comply with DOT regulations. In case of spill, flood area with large quantities of water. Do not store in a manner where cross-contamination could occur.

HANDLING

DANGER! This product is corrosive and causes irreversible eye damage and skin burns. Do not get in eyes, on skin, or on clothing. This product is a strong oxidizing agent! Read Safety Data Sheet (SDS) before using this product.

CHEMICAL INCOMPATIBILITY

Mix only with water. 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.

METALS

Recommended for use (both concentrate and diluted product): Stainless steel Types 304 and 316.

PLASTICS

Recommended for use (both concentrate and diluted product): polypropylene (PP), polyethylene (PE), polyvinyl chloride (PVC), chlorinated polyvinyl chloride (CPVC), Teflon® (PTFE), 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.**



¹ 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-ae6a-483b-8be8-809af051d4c/7120.1.pdf?MOD=AJPERES>. Accessed March 4, 2015.

² Bauermeister LJ, Bowers JWJ, Townsend JC, McKee SR. Validating the Efficacy of Peracetic Acid Mixture as an Antimicrobial in Poultry Chillers. *J Food Protect* 2008;71(6):1119-1122.

³ Food and Drug Administration. Code of Federal Regulations (CFR), Title 21, Section 173.370. Available at: <http://www.accessdata.fda.gov/scripts/cdrh/cdoci/cfcr/cfrSearch.cfm?fr=173.370>. Accessed March 4, 2015.

⁴ Food and Drug Administration. Correspondence regarding food contact substance notification (FCN) No. 887. Available at: <http://www.accessdata.fda.gov/scripts/oc/ocDetailNavigation.cfm?rpt=fcslisting&id=887>. Accessed March 4, 2015.

⁵ Safety Data Sheet on Actrol, 2015, Kroff Inc.