



Product Bulletin

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NITRO-CIRC 963
HEAVY DUTY CONCENTRATED,
INORGANIC ACID, AND WETTING AGENT BLEND
FOR LOW-COST DESCALING OF ALKALINE SOILS

TYPICAL APPLICATIONS

NITRO-CIRC 963 is heavy-duty blended acid acceptable to the USDA for use as a cleaner in official meat, poultry, rabbit, and egg processing plants. It is specially formulated to brighten stainless steel. It will remove stubborn mineral and organic soils. It has a passivating effect on stainless steel. NITRO-CIRC 963 is recommended for cleaning CIP lines, tanks, pasteurizers, kettles, vats, and other stainless steel equipment.

Concentrated

NITRO-CIRC 963 is a blend of inorganic acids and selected wetting agents. This combination gives maximum performance at the lowest-use cost

Detergent Additives

Special wetting agents provide extra cleaning power with good soil penetration and excellent rinsing ability.

More Than a Mineral Remover

NITRO-CIRC 963 has the oxidizing power to remove stubborn food stains such as celery and starch deposits.

Safety

NITRO-CIRC 963 is a strong acid product. Wear goggles or face shield and rubber gloves when using this product. Do not mix with chlorinated compounds, sanitizers, or organic acids.

PIPELINE CLEANING DIRECTIONS

For acid rinsing pipelines use 1 ounce NITRO-CIRC 963 in 5 gallons of water to neutralize alkaline cleaning compound residue. For acid cleaning Use 1 ounce in 1 gallon of hot water (160°F) and circulate in the same manner as an alkaline cleaning cycle.

Dairy & Food Plant Use Directions

For HTST and heat exchange units circulate 1 quart NITRO-CIRC 963 in 35 gallons of 140 - 160°F water for minimum of 30 minutes. Circulate longer if scale build-up or water conditions are excessive.

For blancher and sugar dip systems, circulate 2 quarts NITRO-CIRC 963 per 100 gallons of 160 - 170°F water for a minimum of 1.5 hours after a standard alkaline "boilout."

Non-Warranty

Use only on stainless steel surfaces. Manufacturer or seller makes no warranty, expressed or implied concerning the use of this product other than for the purposes indicated on the label.

PHYSICAL PROPERTIES

Table with 2 columns: Property and Value. Appearance: Blue liquid; Odor: Slight; Foam: Low; Rinsing Ability: Excellent; pH of Use Solution: 1.8; Specific Gravity: 1.24

PRODUCT pH INDICATOR
----- acid ---- neutral ---- alkaline -----
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14



Seller Warranty

Applies to all products sold by CH2O, Inc., and is hereby communicated to all of its customers as a condition of sale.

Seller warrants that this product conforms to its chemical description and is reasonably fit for the purpose referred to in the directions for use when used in accordance with the directions under normal conditions. Buyer assumes the risk of any use contrary to such directions. Seller makes no other warranty or representation of any kind, express or implied, concerning the product, including NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS OF THE GOODS FOR ANY OTHER PARTICULAR PURPOSE.

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