



8820 Old Hwy 99 SE, Tumwater, Washington 98501, USA
360-943-6063 800-562-6184 FAX 360-352-4813 www.ch2o.com



NITRO-VAP 961 HEAVY-DUTY CIRCULATING ACID FOR DAIRY & FOOD PROCESSING EQUIPMENT

TYPICAL APPLICATIONS

NITRO-VAP 961 is a concentrated blend of inorganic acids and a low-foaming surfactant that will passivate stainless steel to help protect from corrosion, rust or pitting. It will also neutralize alkaline residues to leave surfaces film-free of soap stone, milk stone or hard water scale.

GENERAL DIRECTIONS - PIPELINE CLEANING

For Acid Rinsing Pipelines, use 1 ounce **NITRO-VAP 961** in 10 gallons of water after an intermediate rinse to neutralize alkaline cleaning compounds.

For Acid Cleaning Pipelines, use 1 ounce **NITRO-VAP 961** in 2 gallons of 160°F water and circulate the same as you would for an alkaline cleaning cycle.

GENERAL DIRECTIONS - DAIRY AND FOOD PLANT USE

For HTST and Heat Exchange Units, use 1 quart in 35 gallons of 160°F water for a minimum of 30 minutes or longer if scale build-up or water conditions are excessive.

For Tube and Plate Concentrators or Evaporators, use 0.6 to 0.75% **NITRO-VAP 961** at time and temperatures designated by your technical service representative.

DO NOT use on anything but stainless steel surfaces.

SAFETY & HANDLING PROCEDURE

NITRO-VAP 961 is a strongly acidic product. Complete safety gear, including safety goggles and impervious gloves must be worn when handling the concentrated product. Protective clothing and rubber boots should be worn as necessary to minimize contact with product.

When making solutions, add **NITRO-VAP 961** slowly to the surface of cold water while stirring, thus avoiding violent spattering.

NON-WARRANTY

DO NOT use on anything but stainless steel surfaces. Manufacturer or seller makes no warranty, express or implied, concerning the use of this product other than for the purposes indicated on the label.

PHYSICAL PROPERTIES

Appearance	Colorless Liquid
Odor	Mild, Pungent
Foam.....	Very Low
Pounds per Gallon	9.5 - 10.0
pH of Use Solution	1.5-3.0

Seller Warranty

CH₂O brand test reagent refills are available through your sales representative at no charge. Customers are required to confirm product compatibility via a control test for their specific application. CH₂O recommends that you perform regular/daily testing to control chemical levels and cycles of concentration within established limits. Additional tests may be performed at your request. Test reports reflect conditions at the point when the analysis was performed. Results will change over time and with varying operating conditions.

Seller warrants that this product conforms to its chemical description and is reasonably fit for the purpose referred to in the product data sheet. Buyer is responsible to ensure that products and product dosages are appropriate for Buyer's particular application. 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. No such warranties shall be implied by law and no agent of seller is authorized to alter this warranty in any way except in writing with a specific reference to this warranty. The exclusive remedy against seller shall be a claim for damages not to exceed the purchase price of the product, without regard to whether such a claim is based upon breach of warranty or tort. Jurisdiction for any issues arising from or relating to this product shall be in the courts of the State of Washington and the venue shall be Thurston County. Any controversy or claim arising out of or relating to this contract, or breach thereof, shall be settled by arbitration in accordance with the rules and procedures as stated in RCW 7.06 and shall be binding upon both parties without right to appeal, and judgment upon the award rendered by the Arbitrator(s) may be entered in any court having jurisdiction thereof.

Applies to all products sold by CH₂O, Inc., and is hereby communicated to all of its customers as a condition of sale. Use of CH₂O products is subject to the Standard Terms and Conditions as listed on CH₂O, Inc.'s website at: www.ch2o.com.

