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# CIP SOLVE NF NON-FOAMING SOLVENT/DEGREASER CUTS GREASE & OIL EFFECTIVELY

### TYPICAL APPLICATIONS

CIP SOLVE NF is recommended for use on conveyors, framework, augers, mixers, tile walls, floors, and general food processing equipment. CIP SOLVE LF is acceptable as a general cleaning agent on all surfaces, or for use with steam or mechanical cleaning devices in all departments of official establishments operating under federal meat, poultry, shell egg grading, and egg products inspection programs.

### CONVENIENT & SAFER THAN POWDERS

CIP SOLVE NF is a liquid cleaner which can be accurately and efficiently dispensed through automatic feed and control systems. It produces less heat (which causes an injurious "flash back") than dry products.

### NON-FOAMER

CIP SOLVE NF produces no foaming. This helps eliminate cavitation in circulation pumps.

### FREE RINSING

Chelants and wetting agents in CIP SOLVE NF are carefully selected to provide excellent rinsing ability and inhibit the formation of calcium carbonate (CaCO<sub>3</sub>) precipitate in the rinse cycle.

### SAFETY

CIP SOLVE NF is alkaline. Wear goggles or face shield and rubber gloves when handling this product. Do not add concentrated product directly to strong oxidizing agents such as chlorine.

### GENERAL DIRECTIONS

#### Bulk Tank Cleaning

- 1) Add 1 gallon CIP SOLVE NF per 50 gallons of hot water in plastic or stainless steel container and spray on equipment.
- 2) Let detergent set for a minimum of 20 minutes; rinse completely before surface dries. If heavy starch or protein buildups are present, add 1/2 pint of sodium hypochlorite (12.5 percent) to above use-solution and apply to noncorrosive surfaces.
- 3) If a heavy mineral or detergent scale is present, use a heavy acid wash or foam application. Otherwise, use an acid rinse to neutralize residual alkalinity.

#### Exterior Stainless Steel Surfaces

- 1 Mix 2 ounces CIP SOLVE NF per gallon of hot water and manually scrub or brush exterior surfaces. If foaming on vertical or overhead surfaces occurs, additional foaming agents might be needed.
- 2 Rinse all surfaces with water thoroughly after using CIP SOLVE NF and apply an acid rinse to neutralize residual alkalinity.

### PHYSICAL PROPERTIES

Appearance ..... Colorless Liquid  
 Odor ..... Mild  
 Foam ..... Low  
 Rinsing Ability ..... Excellent  
 pH of Use Solution ..... 11.0-12.0  
 Pounds per Gallon ..... 8.6 - 9.1

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



### Seller Warranty

CH<sub>2</sub>O 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. CH<sub>2</sub>O 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 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. 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 CH<sub>2</sub>O, Inc., and is hereby communicated to all of its customers as a condition of sale. Use of CH<sub>2</sub>O products is subject to the Standard Terms and Conditions as listed on CH<sub>2</sub>O, Inc.'s website at: [www.ch2o.com](http://www.ch2o.com).

