

PRODUCT DATA

TECH 300 P Heavy Duty Alkaline Powder

DESCRIPTION

TECH 300 P is a free flowing, nonfoaming, heavy duty powdered chemical blended with effective cleaning agents. The synergistic formula combines silicates, detergents and other builders with caustic to remove heavy build-up of grease, fat, oil, carbon and other tough food and pharma-ceutical residues. Effective wetting agents lower the surface tension of water thus increasing its ability to penetrate soil. Detergents dissolve soil and speed their transfer into solution. Alkaline ingredients attack and disperse protein; turn fat and grease into soap; and disperse and suspend soil to prevent redeposition. Water softeners are added to control and prevent undesirable hard water deposits from adhering to surfaces being cleaned. **TECH 300 P** emulsifies oil and fat and helps suspend other greasy soils. The free rinsing, non-phosphated powder is designed for use in clean-in-place (CIP) and clean-out-of-place (COP) systems, steam, pressure wash, spray and wash and soak methods of cleaning. **TECH 300 P** is USDA accepted in category A2: Compounds For Use Only In Soak Tanks Or With Steam Or Mechanical Cleaning Devices In All Departments.

FEATURES

- Heavy Duty Formula
- Synergistic Alkaline Blend
- Cuts Grease, Fat, and Oil
- Attacks Protein
- Accepted for use in food processing plants and facilities operating under the United States Department of Agriculture, The U.S. Department of Commerce - Fishery Products Inspection Program and the Canada Meat Inspection Act and Regulations.
- Nonfoaming
- CIP & COP Systems
- Emulsifies Soil
- Controls Mineral Deposits
- Fast Acting
- 100% Soluble
- Free Rinsing
- Suspends Soil

DIRECTIONS

- Prerinse thoroughly with drinkable (potable) water.
- Dilute **TECH 300 P** according to soil conditions
- Add **TECH 300 P** slowly to water. Stir until dissolved.
- Increasing the solution temperature will increase the cleaning speed; temperatures up to 190°F (88%) can be used.
- Use in clean-in-place (CIP) systems and clean-out-of-place (COP) systems: steam cleaners, pressure washers, soak tanks, spray and wash systems, mop and bucket or hand scrubbing.
- Rinse thoroughly with drinkable (potable) water.
- Sanitize with "Tech Quaternary" or "Tech 10".

RECOMMENDED DILUTIONS

- Light Cleaning: Mix ½ - 1½ ounces of **TECH 300 P** with one gallon of water.
- Medium Cleaning: Mix 2 - 4 ounces of **TECH 300 P** with one gallon of water.
- Heavy Cleaning: Mix 4½ - 6 ounces of **TECH 300 P** with one gallon of water.

NOTE: Do not use on aluminum. Wear gloves and eye protection when using. May react with sugars to generate carbon monoxide. Use with adequate ventilation.

APPLICATIONS

Mixing vessels, storage tanks, cone mixers, ribbon blenders, coolers, cookers, gravy kettles, piping, heat exchangers, food cutters, meat grinders, conveyors, clean-in-place systems, evaporators, vacuum/pressure kettles, filling machines, stuffing machines, dough mixers, homogenizers, filters, tables, incubators, dryers, pans, choppers; dairy processing equipment, juice equipment, beverage equipment, pharmaceutical equipment.

TECHNICAL DATA

State: Granular solid

Peptizing Agent: Attacks and disperses protein

Saponifying Agent: Turns fats and grease into soaps

Sequestering/Chelating Agent: Helps prevent deposition of undesirable mineral salts on surfaces being cleaned

Dissolving Agent: Speeds transfer of organic and inorganic solids into solution

Emulsifying Agent: Emulsifies grease and oil into solution

Silicates: Disperses and suspends soil

PRECAUTIONS

Causes severe burns. Harmful if swallowed. **PRECAUTIONS:** Do not get into eyes, on skin, or clothing. Wear rubber gloves and eye protection. Wash thoroughly after handling. **KEEP OUT OF THE REACH OF CHILDREN. FIRST AID:** In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. Seek prompt medical attention. If swallowed, do not induce vomiting. Drink large quantities of water. Call a physician. READ THE MATERIAL SAFETY DATA SHEET (MSDS) BEFORE USING THIS PRODUCT. For industrial and institutional use only.

GUARANTEE

Cantol guarantees its products, when used as directed, to do all it claims. Should the product fail to demonstrate our claims, the remaining material may be returned to us and no charge will be made.

The Cantol logo features the word "Cantol" in a bold, blue, sans-serif font. The letters are contained within a blue rounded rectangular border that has a slight 3D effect, with a white shadow on the right side.