

**DESCRIPTION:** This product utilizes the powerful waste digesting abilities of special bacteria and natural enzymes. This blend of bacillus bacteria strains (both anaerobic and aerobic types) are cultured for their superior ability to digest and liquefy all organic waste – quickly, efficiently and without odors! It also contains cellulase and other action on grease, fats and plant fiber (cellulose) waste. Works to eliminate drain blockages, odors and surcharges for food processing facilities.

In meat, poultry and milk processing plants, fruit and vegetable canneries, breweries, bakeries, mills and processors of raw agricultural commodities, this product is used in wastewater treatment systems to eliminate odors, reduce sludge build-up, and lower the BOD of the effluent wastewater

Keep container tightly closed when not in use. Do not store in unmarked containers. Do not mix with any other chemicals.

Store containers in cool, dry place.

#### DISPOSAL

Offer empty container for recycling. If recycling is not available, discard container in trash.

#### NFPA® RATINGS

Health: 0; Flammability: 0; Reactivity: 0

#### CONTAINS/CAS NUMBER:

Sodium Chloride/7647-14-5; Yeast Culture/None; Sodium Bicarbonate/144-55-8; Viable Bacteria Culture/None; Yellow Prussiate of Soda/13601-19-9

*For industrial and commercial use only.  
For additional information, see Safety Data Sheet.*

0515.020515



Please Recycle.

# TOTAL SOLUTIONS®

BACTERIAL/ENZYME DIGESTANTS

## DIGESTASE™ KFP 585

### Food Processing Digestant

- ALL-NATURAL - SAFE TO USE
- FOR KITCHENS AND FOOD PROCESSING FACILITIES
- ELIMINATES ORGANIC WASTE AND ODORS

See side panel for additional precautions.

**KEEP OUT OF REACH OF CHILDREN**

**NET CONTENTS: 1.75 Lbs**

Manufactured By: Total Solutions®

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**DIRECTIONS:** The dry bacteria cultures and enzymes in this formula must be activated in warm water (85°–100°F.) DO NOT USE HOT WATER! Pour slurry into drains, traps, and waste streams.

**DRAINS:** To open clogged or slow drains, dissolve 5 scoops in 2 cups warm water. Pour into drain and allow to work overnight. For regular drain maintenance, use 4 to 6 scoops two or three times per week. Add this digestant at the end of the day or period of lowest flow.

**GREASE TRAPS:** For initial treatment, use 1 pound of digestant for each 20 cubic feet of trap size, then maintain with 1/2 pound per 20 cubic feet every week.

**SEWER LATERALS:** To prevent blockages and keep sewer lines free-flowing in food processing plants, use 1/2 to 1 pound per day in 4" or 6" sewers. For larger sewer lines up to 16", use 1 to 2 pounds per day. Divide the slurry between floor drains, starting with drain farthest from outfall. Treat at end of day, before shutdown, or when flow is lowest.

**FLOW PROCESSING WASTES:** The dosage required to digest food processing wastes depends on amount/type of waste and design of treatment system. For best digestion and odor control, allow as much time as possible for bacteria to work on the waste.

For pond or lagoon systems, use 2 pounds per week for each 10,000 gallons of daily flow. If possible, add digestant daily (divide weekly amount into daily doses). Digestant should be added to waste stream as soon as possible, so that bacteria have maximum time to digest the waste. Introduce digestant where water flow will evenly distribute it.

This treatment is appropriate for waste tanks and ponds with BOD loading in the range of 150 to 250 ppm, with retention time of at least 7 days, and water pH of 6.5 to 8.5. Increase the dosages for systems where:

**Shorter retention time: increase 10% per day**

**Greater BOD load: increase 10% PER 100 PPM**

**pH variation: increase 20% or adjust water pH**

**Sludge buildup: increase 10% per foot over 2 feet.**

**Pond deeper than 8 feet: increase 10%**

In smaller processing plants that have no holding tanks, ponds or treatment process, treat sewer laterals as above to reduce odors, blockages and BOD.