



- * SPEEDS DIGESTION
- * LOWERS BOD
- * CONTROLS ODORS
- * REDUCES SLUDGE

MUNICIPAL SEWAGE, INDUSTRIAL AND FARM WASTE WATER TREATMENT

WHY SHOULD YOU USE BREAKDOWN?

The performance of the microbial population in sewage and waste water treatment facilities is never one hundred percent. Over loading, toxic inputs; pH, temperature and other fluctuations place continuous stress on the ability of the microorganisms to do their job. **BREAKDOWN** reduces the harmful effects of these stresses on the microorganisms. The result is faster decomposition of wastes, producing more completely digested and odorless end products.

WHAT IS BREAKDOWN ?

BREAKDOWN is a concentrated plant extract containing steroid saponin. When placed in the growing environment of the microorganisms that digest organic wastes, the steroid saponin acts as an anti-stress agent that accelerates the decomposition process. Please refer to the accompanying research reports for more detailed information on the anti-stress properties of **BREAKDOWN**.

METHODS OF APPLICATION AND DIRECTIONS FOR USE.

METHODS OF APPLICATION:

METERING: To meter **BREAKDOWN** into a holding tank, pipeline lift station, clarifier, digester or oxidation pond influent, dilute to any desired concentration in water and meter into the influent with a small injection pump, or drip from a nurse tank through a small valve.

SPRAYING: To spray **BREAKDOWN**, dilute to desired strength with water. It will not settle out, making agitation unnecessary. If foaming is a problem, use defoamer with the mix.

DIRECTIONS FOR USE:

HOLDING TANKS, PIPELINES AND LIFT STATIONS: To clean, degrease and initiate odor control, treat sewer main flow or holding tank with 0.5 ppm **BREAKDOWN**.

CLARIFIERS: To control odor, floc and drop out solids, treat plant or clarifier influent with 0.5 ppm of **BREAKDOWN**. After desired results are obtained, reduce treatment to 0.2 ppm.

ANAEROBIC DIGESTERS: To accelerate digestion, treat digester influent with 2.0 ppm of **BREAKDOWN**. After gas production increases and the flame is blue, reduce treatment to 1.0 ppm.

OXIDATION PONDS: To control odors and reduce BOD, treat pond influent with 0.2 ppm until odors are controlled, then maintain a treatment of 0.1 ppm. After the pond is full and the influent is stopped, treat the gallon volume of the pond with 0.2 ppm on a weekly basis, spraying onto the pond surface from the bank on the windward side.

SOLID WASTES: Spray waste surface weekly with a solution containing one pint **BREAKDOWN** per 100 gallons of spray.

EXPECT RESULTS IN FIVE TO TEN DAYS.

TO ORDER CONTACT :



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