



Consume[®] POW Nature's Way

powdered wastewater treatment

Consume POW is a synergistic blend of natural digesters working together to speed up the break down of sugars, carbohydrates, proteins, fats and more complex compounds in a variety of applications including grease interceptors/traps, septic systems, lift stations, pit toilets, lagoon systems, and municipal waste water treatment systems.



Providing Quality Maintenance and Chemical Specialty Solutions with Unparalleled Customer Service



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IMPROVES BIOACTIVITY:

Every system has a natural bacterial population in it but this population is not necessarily made up of the best suited or most efficient organisms for the job. Consume POW is a synergistic blend of natural digesters and special nutrients working together to digest organic waste quickly and effectively:

Natural Digesters - Consume POW contains multiple organisms unique in their selection, specific adaptations, and synergistic blending. These 5 billion per gram (454 grams/lb) bacterial cultures are the real "workers" in the product formula.

Special Nutrients - Consume POW includes special nutrients to provide the minerals and vitamins necessary for the fastest growth and the greatest activity of the digesters.

Consume POW attacks the non-biodegradable and difficult to degrade chemical compounds found in raw sewage, breaking them down thousands of times faster than a natural decomposition cycle without producing foul odors or gas.

REDUCES BODs:

BOD (Biochemical Oxygen Demand) is a method of estimating the degree of contamination in wastewater from residential waste, fertilizer, industrial chemicals, etc. Use of Consume POW will substantially reduce the levels of contamination in the wastewater stream.

IMPROVES SYSTEM STABILITY:

Influent constantly changes due to the composition of incoming wastewater, plant wash downs, and changes in production schedules. The biomass (population of good micro-organisms in the system) constantly tries to adjust but is often overwhelmed, causing poor system performance. Consume POW provides

a concentrated mix of needed digesters, speeding up the adaptation process and maintaining more efficient treatment.

REDUCES FOAM:

Poor digester performance can cause foam, which keeps waste material from settling in the clarifier. The digesters in Consume POW have been carefully selected and will not contribute to foaming in the wastewater plant.

SAFE, DEPENDABLE START UP:

Non-toxic. Non-acid. Non-alkaline. Consume POW provides a safe and dependable start up.

ECOLOGICALLY SAFE:

Consume POW is biodegradable, phosphate free, non-toxic, and non-polluting. There is no risk of downstream contamination. Consume POW will not harm animals or marine life.

DIRECTIONS FOR USE:

Some individuals may be sensitive to ingredients in this product. Before use, read product label and MSD sheet.

For optimum results pre-mix powder in warm water for 30 to 60 minutes.

Grease Interceptor & Lift Stations:

- Week One - 1 pound/500 gallon capacity
- Week Two - 0.5 pound/500 gallon capacity
- Weekly Maintenance - 0.5 to 1 pound/2000 gallons capacity

In the maintenance of a 1500 gallon trap, one pound should be introduced directly into the trap once weekly when the trap will sit quietly for as long as possible. For example, schools shut down late on Fridays and the POW will have all weekend to work. In this case, a 25 pound bucket will last approximately 23 weeks.

NOTE: Systems with heavy grease loading will require a 50 percent increase in treatment levels until the problem is solved.

SEPTIC TANKS:

- Week One & Two: 1 pound/1000 gallons capacity or for every 5 people using the system.
- Maintenance: 0.5 to 1 pound/month

LAGOONS:

- Initial treatment: Week One & Two: add 2-3 lbs. of Consume POW/50,000 gal. of daily flow each day. Add directly to the basin inlet.
- Maintenance: add 1 lb./100,000 gallons of daily flow each day.

TRICKLING FILTERS:

- Initial treatment - 3 lbs./million gal. of daily flow.
- Second treatment (48 hrs later) - 3 lbs./million gal. of daily flow.
- Maintenance - add 1-2 lbs./million gal. of daily flow each week.

Be sure to read all Directions, Precautionary and First Aid Statements on product labels before use of this or any Spartan product. If questions remain, consult your employer or a physician. Material Safety Data Sheets for all Spartan products are available from your authorized Spartan distributor or by visiting www.spartanchemical.com.

SPECIFICATION DATA:

pH (1.0% Solution) - 6.5-8.5

Density - 6.4 lbs/gal.

Flash Point - None

Stability:

- a. Shelf @ 24oC/75oF - 1 year
- b. Accelerated @ 49oC/120oF - N/A
- c. Freeze/Thaw Cycle - N/A

Biodegradable

Phosphate Free



Distributed by:

PACKAGING

310505	Fifty 1/2 lb. packets per pail
310404	Bulk 25 lb. pail



Label copy is provided in English and Spanish.

GUARANTEE: Spartan's modern manufacturing and laboratory control insure uniform quality. If dissatisfied with performance of product, any unused portion may be returned for credit within one year of the date of manufacture. Use product as directed and read all precautionary statements.

For institutional and industrial use only.

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