

SDH-300 (Bacteria Block - Sumps)

HYDROCARBON & GREASE

SOLIDS

OVERVIEW

Our SDH-300 Bacteria Blocks are a slow dissolving bacteria laden solid formulation for use in degrading grease and hydrocarbons in sumps, pits, and wastewater treatment processes. This new – improved block is specifically formulated for use in sumps and waste process containing hydrocarbon sources. The safe, naturally occurring bacteria are present in high concentrations for the ability to handle difficult organic problems. This unique solid will gradually dissolve over a 35-120 day period, which allows for continuous treatment and degradation of waste. As an additional benefit the SDH-300 blocks will naturally reduce odors.



Each SDH-300 Bacteria Block is packaged in a mesh sack allowing it to be suspended from a rope into the treatment area. Slow release formulation disperses as product dissolves in wastewater, sump, lift station or pit. Includes micronutrients, macronutrients, and biological enhancers.

USES & APPLICATIONS:

- Sumps
- Lift Stations
- WWT
- Holding Tanks
- Grease Applications
- Lagoons
- Waste Treatment

EFFECTIVE AGAINST:

- Odors
- Digests Waste
- Grease
- Sludge
- Hydrocarbons
- Organic Solids
- FOG

ADVANTAGES & BENEFITS:

- I CONTAINS BOTH ANAEROBIC (CAN LIVE IN AIRLESS ENVIRONMENT, NO OXYGEN) BACTERIA
- I CONTAINS FACULTATIVE (CAN LIFE WITH OR WITHOUT OXYGEN) BACTERIA
- I REDUCES HYDROGEN SULFIDE (ODORS)
- I BACTERIA ARE IN SPORE FORM FOR EXTENDED SHELF LIFE
- I CONTAINS VITAMINS TO ENHANCE BACTERIAL GROWTH
- I CONTAINS NO CHEMICALS
- I BREAKS DOWN FAT & GREASE BUILDUP

STRAINS

- I MULTI-STRAIN SPORE BLEND

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DIRECTIONS:

Simply suspend the block into the treatment area, allowing the block to be placed just away from the higher flow areas. The block will dissolve over a 30-120 day period as the waste water flow washes over it. Higher flows will result in faster degradation of the block.

Grease Traps: Ensure that the block is suspended below the “ cap” but off the bottom of the tank.

Sump/Tank Capacity	Block Size
1,000 Gallons	2 LB
5,000 Gallons	5 LB
10,000 Gallons	10 LB
Over 10,000 Gallons	Graduated Multiples

Wastewater and Effluent Handling Facilities: Position block(s) just outside the flow area.

Wastewater Systems:

Simply suspend the block into the wastewater treatment area, allowing the block to be placed just away from the higher flow areas. The block will dissolve over a 30-120 day period as the waste water flow washes over it. Higher flows will result in faster degradation of the block.

Wastewater Flow	Block Size
25 – 75,000 GPD	2 LB
75 – 250,000 GPD	5 LB
250 – 1 MGD	10 LB
1 MGD +	30 LB

GPD = Gallons per Day
MGD = Million Gallons Per Day

Lift Stations: Ensure that the block remains submerged even when wastewater is pumped to the lowest float level.

1. When locating the block in the sump, DO NOT place block directly into the flow of incoming waste. The turbulence and “washing effect” will greatly reduce the longevity of this product. Ideally, the block should be placed in a less turbulent area of the sump, but not in a dead spot.
2. If a grease shelf is present during placement of block, it is recommended to raise the high level flow so that the bacteria can attack the grease shelf from the top, bottom and sides.
3. Results should be obtained in four to eight weeks from the time of application. If grease shelves are present at the time of application, a longer period of time may be required to obtain results.

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TYPICAL PROPERTIES

I	APPEARANCE	SOLID
I	FRAGRANCE	MILD
I	FORM	SOLID
I	EFFECTIVE pH range.....	5.0 – 10.0
I	EFFECTIVE TEMPERATURE RANGE.....	34-120 DEGREES F

BACTERIA CONCENTRATION

I	4.0 E9 CFU/g
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PACKAGING

I	12x2LB CASE
I	OTHER SIZES AVAILABLE (MINIMUM 200#): 4X5 LB. CASE 4X10 LB. CASE 30 LB. BLOCK

Caution: May irritate eyes. Keep out of the reach of children.

FOR MORE INFORMATION VISIT OUR WEBSITE: www.rex-bac-t.com

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