



Key Benefits

IMPROVES OPERATIONS

- Supports health of nitrifying bacteria
- Improves ammonia removal
- Improves facility stability and upset recovery
- Reduces COD/BOD levels
- Reduces sludge yield and accumulation
- Reduces foaming
- Improves facility treatment capacity
- Improves floc formation and settling characteristics
- Reduces odor generation
- Improves FOG removal

DECREASES COSTS

- Reduces energy cost
- Reduces chemical costs
- Reduces sludge handling and removal costs
- Reduces ammonia related fines and surcharges

Key Features

- Seven (7) strain Bacillus blend providing optimal activity and enzyme production to reduce ammonia levels across a broad range of environmental conditions
- Enhances the effectiveness of most biological waste treatment systems used to treat organic material
- Effective growth and treatment across broad pH and temperature ranges
- Facultative organisms - works in both aerobic and anaerobic environments
- All natural, non-toxic, and non-GMO
- Stable - two year shelf life

Applications

- Rendering
- Meat
- Dairy
- Petrochemical
- Chemical blending



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BioPro

40B

PRODUCT SPECIFICATIONS:

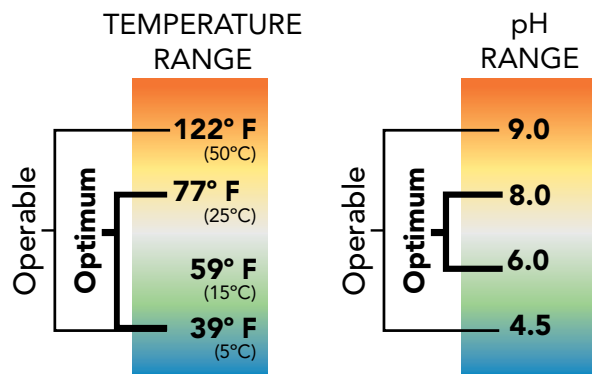
APPLICATION GUIDELINES:

Kg or lbs. or BioPro 40B to add per million gallons of water. *This assumes parameters have been optimized using GS PATTON™ principles.

DESIRED PPM	KG	LB.
1	.38	.84
2	.76	1.67
3	1.14	2.51
4	1.52	3.34
5	1.90	4.18

USAGE RATES:

Apply 0.5-5.0 mg/l (ppm) depending on level of site optimization, load and flow characteristics and other facility treatment needs.



APPLICATION NOTES:

Mixing Directions:

- Mix lukewarm clean water in an adequate volume to dissolve the BioPro 40B. For optimal rehydration of the organisms, allow the solution to set for a **minimum of 30 minutes**, but **no longer than 8 hours** before application.
- If situation does not allow for rehydration and activation, the product can be applied directly to wastewater.
- NOTE: *Avoid Use With Bleach*



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Storage & Handling

Dry and Cool (36-77°F/2-25°C)

- Note: Keep container closed tightly when not in use.
- Shelf Life: Two years when stored as recommended.

Microbiological Specifications

- Total count available: 40 Billion CFU/g of active Bacillus
- Coliforms < 10 CFU/g
- Salmonella negative/25 g

Physical Properties

- Color: Tan
- Form: Powder
- Packaging: Dried powder on salt

Carrier

Salt in water soluble packet

Concentration

40 Billion CFU/g

Packaging

- 5 gallon pail

Safety Information

Caution: Keep out of reach of children. Refer to Safety Data Sheet (SDS) for precautions.