

Sewage Lift Station Control of Fat, Oil & Grease Buildup

- + Prevents build up of FOG (fats, oil & grease)
- + Reduces/eliminates need for sewer cleaner/vacuum truck maintenance
- + Keeps pump clear of grease build up
- + Initiates sewage degradation
- + Helps keep downstream pipes clear

Ultra-Archaea are a collection of over 100 different species of archaea that are cultivated to have an affinity for oil and other hydrocarbons, as well as organic waste. The result is 100% natural, hardy and fast-acting microbes that will digest hydrocarbon molecules and break them down into harmless byproducts.



What are Ultra-Archaea?

- + FOG and sewage-degrading microbes in a dry powder
- + High efficacy
- + Natural, chemical-free
- + 4-year shelf life
- + Easy to apply



Application in manhole/lift station

Recommended treatment: 1 lb. per week per lift station to start; adjust concentrations and quantities to match level of FOG in the lift station.

“We have been using it to treat one of our sewage pumping (lift) stations where we have been having a chronic problem with FOG (fats, oil and grease) build-up. The FOG build-up is not a new phenomenon and is typical in any sewage collection and treatment system. It is also one of the more expensive problems to deal with due to costs of chemicals and labor to clean sewer lines and pumping equipment in the stations. I have found your product to be reasonably priced and effective in conditioning the grease in the tank, reducing build-up.... We also get the added benefit of treatment of downstream connecting pipes and lift stations.”

- Frank, WWTP Supt/Chief Operator, Town of Marion

Instructions for Reduction of FOG

1. Storage: Product is a dry powder and has a 4-year shelf life.
2. Pour 1 lb. of Ultra-Archaea into the well or lift station.
3. Product activates when it makes contact with the waste water. Note: powder will not activate if it is sitting on solidified grease.
4. Let the product do the rest. The Ultra-Archaea will degrade the FOG (and also begin degradation of the sewage)



Ultra-Archaea® Shakers



- + Ultra-Archaea are housed in a bentonite clay powder that provides the slightly moist environment needed for them to live.
- + Two sizes of shakers available for application on smaller spills or contained areas.
- + Resealable/water-proof containers keep archaea dry/dormant until they are needed.



NOTE: All Ultra-Archaea products are stamped with an expiration date and have a typical shelf life of approximately 5 years.

Ultra-Archaea® Water Soluble Packets



- + 4 oz. water soluble packets can be thrown into oil/water separators, catch basins, grease traps and other areas to facilitate oil and grease removal.
- + Small size, big results — no measuring, scooping or spreading. Simply place the entire packet into the area that needs to be cleaned. The water soluble packet will dissolve and allow the Ultra-Archaea to spread throughout the area.



5232

Ultra-Archaea® Bulk Bags



- + Bulk bags (25 lbs.) are available for large spills, open water applications or frequent use areas.
- + Keep on hand for refilling Shakers or other smaller containers or for large, unexpected spills.



5233

Ultra-Archaea® Tablets



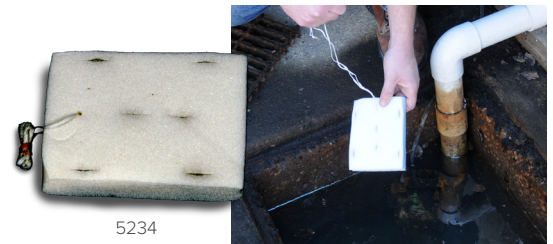
- + Small tablets with a concentrated amount of Ultra-Archaea (20-billion per gram)
- + Great for use in septic tanks, RV blackwater tanks, small grease traps, and stormwater catch basins



5252

Ultra-Archaea Booms®

- + Specially-treated polyethylene foam used in Ultra-Archaea Booms allows it to float on the water's surface while also absorbing oil.
- + Six Ultra-Archaea tablets are inserted into slits in the foam sleeves - extended water contact causes the tablets to slowly dissolve, releasing the archaea into the water.
- + Booms can be dropped in, or tied off in catch basins (lanyards included), oil/ water separators or other areas where oily water can collect.



5234

Patents: See www.ultratechpatents.com

Part#	Description	Weight
5238	6 Ounce Shaker	6 oz (171 g)
5239	28 Ounce Shaker	28 oz (794 g)
5232	Water Soluble Packets 6-Pack	4 oz (113 g)
5233	Bulk Bag	25 lbs (11 kg)
5234	Archaea Boom (6-pack)	2.0 lbs (1.0 kg)
5252	Archaea Tablets (12-pack, 24 tablets per tube)	5 lbs (2.3 kg)

It is important to be aware that Ultra-Archaea may not be the answer or 100% effective in every application. Consult with UltraTech's technical team to determine if your needs can be met with Ultra-Archaea.