

# Formula IV - Product Data Sheet

## Product Description

Designed for use on oil/water separators, retention ponds, and grease traps. This product contains a special blend naturally occurring oil degrading microbes, that are blended into a dry absorbent powder. Using microbes to digest oil in your OWS is a proven technique to minimize the oil content in effluent and sludge and to reduce OWS cleanout frequency.

Microbes added to systems break down petroleum products suspended or dissolved in the wastewater, floating oil, or sludge. Microbes are added to an OWS or interceptor lines on a regular basis to replenish microbe populations.

These safe and non-toxic microbes have been selected for their large appetite to consume and convert fuels and oils, both biochemically and physically.

Facilities using bioremediation have eliminated wastewater violations and have reported reducing their sludge petroleum content by more than 80 percent. Such reductions can lower the regulatory status of OWS sludge, which will affect the required disposal method and disposal costs.

## Recommended Application Method

**Step1:** Add product into interceptor lines, or directly into the OWS. For best results, we recommend adding the product to the interceptor.

**Step 2:** Reapply every 14-21 days.

### When the product is applied:

1. It immediately goes into the hydrocarbons and locks up the spilled material.
2. The microbes are activated by the liquid in the OWS.
3. The microbes then begin to break down, digest, and then convert the material into non-toxic by-products.

## About Archaea

Inspired by nature's own method to clean up contaminated land and water, we use Archaea to clean up oil-spills on site. Archaea were on earth within 1 billion years of Earth forming. Earth was very hot, lots of methane and ammonia. Toxic for life today, but just right for Archaea.

## Product facts

- Concentrated gray powder
- Naturally occurring Archaea bacteria blend
- Organic and non-toxic
- Five years+ shelf life
- Hydrophobic
- Aerobic/Facultative
- Certified pathogen FREE
- Activated by fresh, salt or brackish water.
- Salinity tolerance up to 24%
- Temperature range 0°C-50°C
- pH tolerance 5.5-10.0
- Not freeze dried or GMO

## Works on e.g.

- Crude Oil
- Refined Fuels
- Refined Oils
- Hydraulic Fluids
- Heating Oils
- Wet/Dry Waste Drill Cuttings

## Application Rate

170 grams of product per 2 000 – 4 000 l.

## Technical support

As the supplier of this product we take pride in delivering all necessary support to our clients. We believe that our success is due to the importance that we place on working with excellent products along with our technical expertise within bioremediation. Do not hesitate to contact us.