

# STORAGE FRAC TANK CLEANER



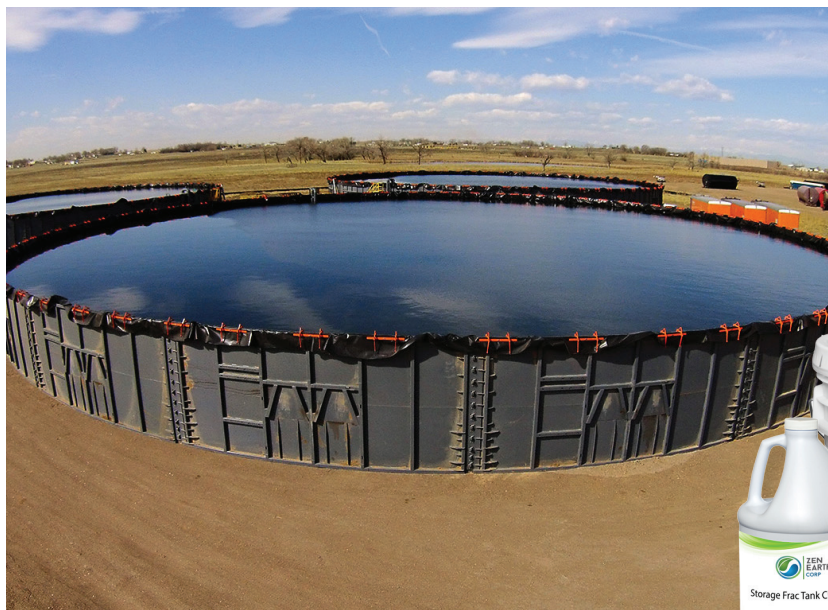
ZenEarth's Frac Tank Cleaner and water treatment solution is designed to make the difficult task of cleaning frac water tanks easier, while also increasing worker safety. The proprietary micelle formulation improves settling characteristics by reducing water surface tension until it no longer holds solid contaminants in solution.

Suspended solids including barium, calcium, chlorides, iron, magnesium, manganese, strontium and a variety of other contaminants quickly settle out and are mudded and rendered into a solid sludge for treatment or disposal. Remaining brines or fresh water can be repeatedly reused, thus reducing the environmental discharge fees, transportation costs, insurance premiums, liability costs, incidental road damage and road repair costs and of transporting more water to site.

Frac tank cleaners are also designed to demulsify hydrocarbons, paraffin and waxes from the mixture. Sidewalls and floors will wash clean and free of all contaminants and leave behind a fresh smelling tank with a near invisible polymer residue that aids in preventing re-adherence of contaminants to the tank walls. Cleaning with this product becomes easier with each use.

Other benefits including:

- Frac Storage Tank Cleaner is fully biodegradable with no special clean up requirements in case of a cleaner spill.
- The special formulation will neutralize odours in the tank making safer conditions for cleaning staff and no other special work safe procedures are needed for its use.
- It neutralizes odours which in turn reduces work safe requirements and liabilities.
- Minimal heat or mechanical agitation is required.
- Works well in fresh water or brine.



The active ingredients behind all "green" ZenEarth cleaning, solvent and lubricating products are combinations of various readily biodegradable plants and naturally occurring minerals. ZenEarth's proprietary, renewable, chemical/mechanical process creates a truly unique product that is safe for human use and for the environment. It is effective and versatile.

All ZenEarth active ingredient formulas are effective as a result of the creation of electrically charged particles known as micelle. When activated in water, micelles repel each other in a ceaseless random movement. Measuring only 2 – 4 nanometers in size, their extreme surface-area-to-volume ratio enables far greater efficacy than conventional technologies or formulas. Micelles do not produce a chemical reaction that generates new compounds when introduced into another material or the environment, instead they break down carbon based compounds into smaller particles that can be easily assimilated and metabolized by normal soil or water microorganisms.

## ZEN EARTH PRODUCTS ARE:

**Bio - Based**  
**Readily Biodegradable**  
**Non - Toxic**  
**Non - Corrosive**  
**Non - Hazardous**  
**Non - Caustic**  
**Non - Flammable**  
**Non - Cancer Causing**

## DO NOT CONTAIN:

**Ozone Depleting Substances**  
**Petroleum Distillates**  
**Glycol Ethers**  
**Caustics**  
**California Proposition 65 Chemicals**

