

BILGE CLEANER



ZenEarth's Bilge Cleaner is NOT a soap, detergent, or petroleum solvent!

ZenEarth's Bilge Cleaner quickly emulsifies and encapsulates fuel spills, suppresses VOC's and renders flammable fuels non-flammable almost instantly, preventing ignition or re-ignition of fuels and oils during spill cleanup. When Bilge Cleaner is added to bilge water it rapidly eliminates vapors and odors associated with diesel fuel and gasoline.

Bilge Cleaner easily separates heavily caked on oils from substrates on hulls and inside tanks and eliminates slippery decks from fuel and oil residues. It is equally effective with fresh, salt and brackish water.

Additionally, Bilge Cleaner in bilge/ballast water constantly cleans all surfaces contacted and breaks down scum lines and other residues.

Bilge Cleaner is compliant with OPA 90 as a deck side emulsifier, quickly eliminating oily residue and slickness commonly associated with oil and fuel deck side spills.

ZenEarth Bilge Cleaner counters the need for conventional, caustic and environmentally hazardous chemicals typically used in the marine environment. Additional benefits:

- It is formulated from a variety of readily available plants and minerals. The natural ingredients mean it is fully biodegradable, and will not contaminate or pollute the environment.
- There are no environmental charges or disposal fees associated with Bilge Cleaner.
- Can be used in the vicinity of humans without danger to their health.
- Special formulation reduces cleaning time by up to 50%.
- It is non-corrosive and will not damage metal or plastic surfaces or their coatings.
- Can be safely used around operating motors or other equipment as there is no flash point.
- It is safe for the user. Many of the standard work-safe procedures are a thing of the past. There are no VOC's, it is non-toxic to humans, nonhazardous, non-flammable and non-cancer forming.



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

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.