

# FOOD SERVICE CLEANER



ZenEarth's Food Service Cleaner is a super active liquid designed for heavy grease or fatty waste cleaning in virtually any environment. The solution is a NON-HAZARDOUS, synergistic blend of plant derived, readily biodegradable non-ionic surfactants which allow soils to quickly and evenly absorb water, plant based fatty acids and a colloidal micelle designed to accelerate and improve degreasing and cleaning operations. Organic degradation occurs immediately on contact.

This extremely effective cleaning solution is capable of removing all hydro-carbon soils (petroleum derivatives), fats, oils, greases, lipids, proteins and sugars. The ingredients are bio-based (as reviewed by Institute for Organic Crop Production) and contain no petroleum distillates, terpenes, glycol, ethers, caustics, synthetics, bacteria or enzymes.

ZenEarth's unique Food Service Cleaner combines several powerful properties to assist its cleaning action including:

#### Benefits:

- Peptizing, emulsifying, degreasing and dispersing properties to break down proteins, fats, and oils; (e.g. coagulated blood and fat are quickly decomposed and will remain soluble to prevent drain and pipe clogging).
- Loosened debris is dispersed and permanently held in suspension.
- Excellent rinsing properties to prevent re-deposition of the dispersed greases, fats and oils back onto the clean surface.

ZenEarth's Food Service Cleaner exhibits other critically important characteristics:

- Excellent for effectively softening water.
- Non-toxic, non-corrosive and odorless.
- Contains no ingredients regulated by WHMIS and no ingredients are listed as carcinogenic by IARC (International Agency for Research on Cancer), ACGIH (Association Advancing Occupational and Environmental Health), NTP (National Toxicology Program) or, OSHA (Occupational Safety and Health Administration).
- This product is a clean air solvent and has NSF approval for food processing areas.
- Food Service Cleaner complies with legal and regulatory requirements addressing safety, health and biodegradability.
- Ozone friendly and fragrance free.
- Does not react with other chemistries.
- Safe for use on all surfaces.
- It is stable upon storage, non-caking and non-dusting.



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**

