



EarthCleanz

A division of Green Earth Naturally, LLC

PetroClean

A Combination of Surfactants and Oil-Digesting Microbes for Oil Spill Remediation

DIRECTIONS FOR USE:

PetroClean is a concentrate that should be diluted with fresh water prior to use. Typical dilution rates vary between 1:5 to 1:40, depending on the nature of the problem at hand.

For use as an equipment cleaner: Dilute PetroClean 1:10 in water and soak parts for a minimum of 10 minutes then rinse.

For use as a tank cleaner and for cleaning Oil/Water Separators: Dilute PetroClean 1:5 and soak for a minimum of 30 minutes, then rinse.

For use on small spills on hard surfaces: Dilute PetroClean 1:40, and apply to oily surfaces with a mop or hand-held sprayer. For soaked-in spills, dilute PetroClean 1:20, and scrub surfaces with a stiff bristled brush or use a power-washer.

For subsurface injection use: Dilute PetroClean 1:20 and inject in wells to remediate dissolved phase contamination after recovery of free product and surfactant-aided recovery is complete. Injection of oxygenating compounds to aid in the microbial digestion process should be performed at the same time, especially where there is low dissolved oxygen in the groundwater.

For use on contaminated soil: Depending on the severity of contamination, dilute PetroClean between 1:20 to 1:40. Typically, 1:20 would be used on soils with petroleum contamination above the soil saturation level, and a dilution of 1:40 is recommended for lower levels of contamination. Where soil is being actively land-farmed, the recommended addition rate would be 1 to 1.5 gallons of diluted PetroClean per ton of contaminated soil. Oxygenation via turning, disking, or addition of oxygenating compounds to the PetroClean solution and keeping the soil moisture at about 40% is strongly recommended to help the microbes in PetroClean digest the contamination.

For porous surfaces where the oil has soaked in: If the contaminated material is kept moist and exposed to oxygen, the microbes will continue to digest residual oil within the contaminated matrix.

FIRST AID PROCEDURES FOR PETROCLEAN CONCENTRATE:

Inhalation: Nonvolatile liquid.

Ingestion: Call a physician immediately. DO NOT induce vomiting. If conscious, have victim drink large quantities of water.

Skin Contact: Remove contaminated clothing. Wash skin with soap and water. Launder clothing before reuse.

Eye Contact: Immediately flush eyes with water for 20 minutes, while retracting eyelids. Seek Medical attention if necessary.