

**NONTOX®** is a powerful bio-catalytic agent for cleaning TPH (total petroleum hydrocarbon) from soils and all hard surfaces. NONTOX® releases the TPH pollutants in a form more compatible for microbial remediation.

**NONTOX®** stimulates natural biological reactions within indigenous microbial ecosystems through enhancement of oxygen transfer, thereby supporting accelerated remediation rates of the TPH pollutants.

**NONTOX®** will treat virtually all TPH pollutants, including, crude oil, jet fuel, and diesel oil.

- Enhances remediation of TPH.
- Provides excellent surface cleaning of TPH components.
- Treats all types of petroleum hydrocarbon contamination.
- Helps in the precipitation of metals in wastewater discharges.
- Reduces time associated with soil and water remediation and cleanup.
- Provides immediate and ongoing VOC (volatile organic compounds) suppression.
- Reduces fire hazards, increasing flash point and auto ignition threshold points, in gasoline or fuel oils.
- Does not require personal protective equipment.

**NONTOX®** is fully compatible with all application equipment, including, hand or power sprayers, helicopter, airplane, and floating equipment.

#### AUTHORIZED DISTRIBUTOR



#### SEAL OF SAFETY™

The Bio-Organic Seal of Safety™ is our trademark declaration of our commitment to offering green biocatalytic solutions that shift the treatment of our water resources to a more sustainable ecological model.



**BIO-ORGANIC CATALYST**  
THE POWER IN NATURE®

**NONTOX®**

## BIO-CATALYTIC TREATMENT OF PETROLEUM HYDROCARBONS



Net Content:

■ 2.5 Gallons/9.5 Liters ■ 55 Gallons/208 Liters ■ 275 Gallons/1041 Liters

#### DIRECTIONS FOR USE

**NONTOX®** may be applied to TPH contaminated soil, shorelines and beaches at dilutions of 0.2% - 2%. Rates of application will vary with TPH concentrations, equipment specifications, and soil types.

For general dilution ratios, use a mixture of 4 gallons (15.2 liters) of water with 1 gallon (3.8 liters) of **NONTOX®** to treat 1 cubic yard (1 cubic meter) of contaminated soil.

**NONTOX®** should be allowed to soak for up to 30 minutes to maximize contact time on heavily coated surfaces. Type of power washing system will determine optimum dilution rate.

#### Cleaning Dilution:

*For Light Cleaning:* Use 1 part **NONTOX®** per 250 parts water.

*For Heavy Cleaning:* Use 1 part **NONTOX®** per 50 parts water.

*Conditions for Use:* Water salinity does not negatively affect product performance. Water temperature under 2°C can affect product performance. Aged or highly viscous concentrations of hydrocarbon may require presoaking prior to removal.

#### PRODUCT SPECIFICATIONS

**NONTOX®** is non-toxic, non-caustic, and safe to handle.

*Recommended Shelf Life:* 2 years.

*Storage Temperatures:* Minimum 2°C, Maximum 50°C.

*Flammability:* None

*Special Handling and Worker Precautions for Storage and Field Application:* None

*Skin, Eye and Hand Contact:* Use of protective eyewear and rubber gloves is recommended under normal GMP's.

*Ventilation:* None required.

*Respiratory Protection:* None required.

#### SAFETY DATA SHEET

A **NONTOX®** Safety Data Sheet is available through the BOC website at [www.bio-organic.com](http://www.bio-organic.com). Please read the Safety Data Sheet carefully and follow all directions when using or handling this product.

#### NONTOX®

MANUFACTURED IN THE USA UNDER DOMESTIC AND INTERNATIONAL PATENTS

**Bio-Organic Catalyst, Inc.**

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