



EcoCatalysts[®]

NONTOX[™]



BIO-ORGANIC CATALYST
THE POWER IN NATURE



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Who Is EcoCatalysts Pty Ltd

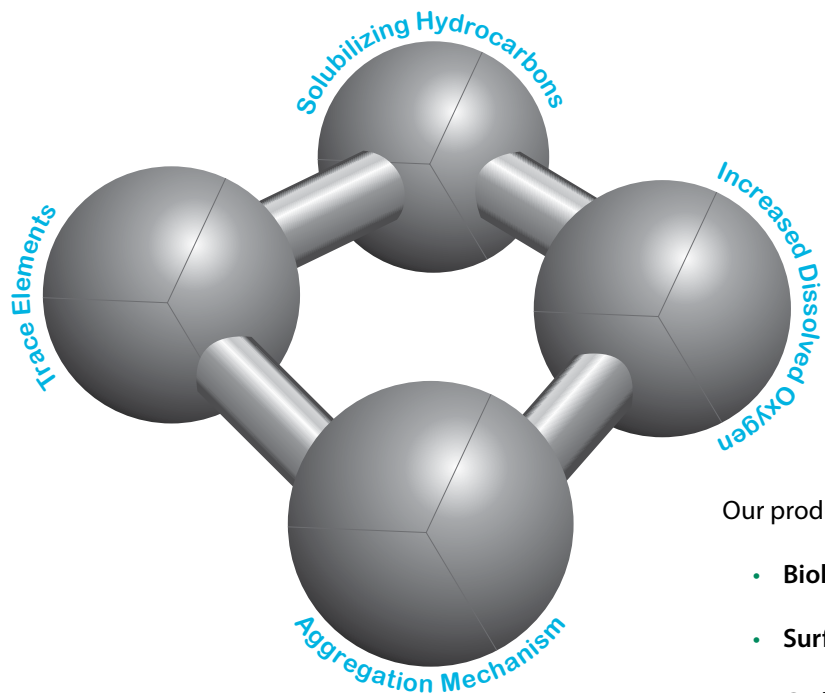
EcoCatalysts is bringing about a fundamental transformation in the advanced treatment of our water resources and bio-remediation. We are providing a superior, completely non-toxic alternative to the harsh and caustic chemicals which are now used throughout the world by municipalities and industry. A BOC is a broad spectrum, catalytic composition that significantly enhances the biological conversion abilities that occur naturally in nature.

- EcoCatalysts are the Australasian Distributor for Bio-Organic Catalyst Inc. who produce a line of proprietary product compositions (Patent 730371)
- New platform technology for the wastewater industry
- Concentrated bio-catalysts in ready-to-use liquid formulations
- Superior economic and environmental performance for biological and chemical processes
- Products utilised world wide – TODAY.



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Four Achievements of a Bio-Organic Catalyst



Our products are unique and are categorized accordingly as a BOC which achieve four key actions.

- Biologically derived catalysts which results in solubilising organic matter
- Surface modifying compounds which increases dissolved oxygen
- Carbon activation platform, self organises all the components for a more efficient biological reaction
- Supplements and trace elements for a healthier bacterial metabolism

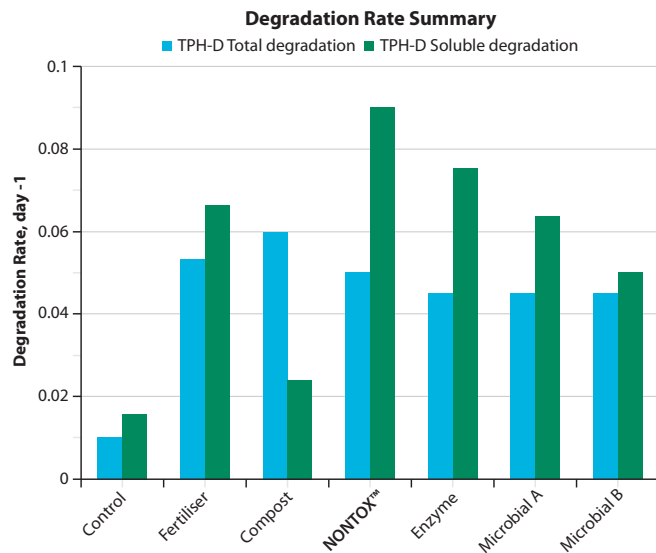


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Nontox™

Nontox™ rapidly accelerates the normal degradation cycle of the most petroleum hydrocarbons (TPH, BTEX) and volatile organic compounds (VOCs). This process is accomplished by catalysing, hydrolysing and oxidising the contaminants, reducing them to carbon dioxide and water in order to provide a significant economic, environmental and/or social gain.

Nontox™ is a concentrate and for bio-remediation applications must be diluted to approximately a 6% solution (1L Nontox : 15L water). For soil, the diluted solution treats approximately 1 cbm of light to medium contaminated soil. In water, the diluted solution will treat approximately 800 sqm of a hydrocarbon slick. Salt water, fresh water or wastewater can be used for dilution. For odour control / VOC applications with fogging and misting units, a 1% solution is required.

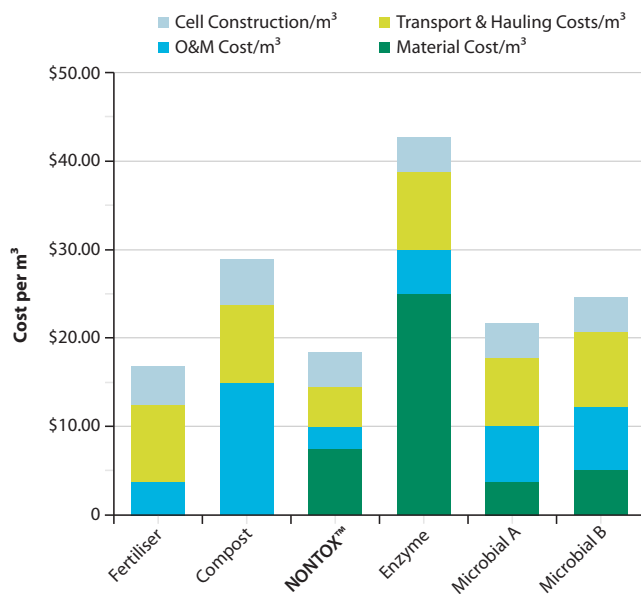




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Solution

Cost Comparison Based on Soluble Fraction



Nontox™ provides economically compelling benefits to environmental professionals, bringing practical and cost saving advancements to hydrocarbon remediation, VOC/O odour control, bilge water treatment, industrial and commercial cleaning.

- Nontox™ is diluted and spray applied to soil, water or atmosphere.
- Designed for soil either in-situ application or to windrows. On-site remediation reduces expensive transport and dumping costs and allows soil reuse.
- Excellent atmosphere control of odours or volatile organic compounds. Reduces flash and toxic hazards in confined areas.
- Spray apply to surface water spills in either fresh or salt water. Non hazardous to marine life. Cleans rocks and beaches.

Outcome

- Fast TPH, BTEX remediation for soil, fresh water or salt water releases.
- Immediate suppression of VOCs and other organic odour.
- Rapidly raise FP and lower LEL for confined space safety
- Non hazardous to marine life. Cleans rocks and beaches.
- Recirculation oxidation systems treat contaminated groundwater, streams and ponds.



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