



R3MEDIATE

Hydrocarbon Remediation

AN IN-SITU SOLUTION TO HYDROCARBON REMEDIATION

WHAT IS R3MEDIATE

R3MEDIATE is a specifically blended silicate-based liquid that will reduce hydrocarbons upon contact when applied to impacted soils, surfaces and groundwater. R3MEDIATE has been successfully used in the "catalytic conversion" of organic environmental contaminants with minimal effort and application techniques.

THE SCIENCE

The "catalytic conversion" takes place through a high-energy redox reaction. R3MEDIATE is a blend of environmentally friendly compounds, which display no hazardous waste characteristics either by ignitability, corrosivity or reactivity. The compound that forms is an organo-silicate residue with the consistency and makeup of sand. Treated soils are rendered more amenable to reclamation.

Contact Information:

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R3MEDIATE IS ENVIRONMENTALLY SAFE

R3MEDIATE is not altered chemically and will not form harmful intermediates when blended with hazardous chemicals. R3MEDIATE conforms to "non-hazardous substances" defined under the Clean Water Act, RCRA, the Clean Air Act, and TSCA. It is not a carcinogen and is not listed on OSHA, IARC, or NTP Monograms. It also passes the 48-hour Acute Toxicity Bioassay at 12.5% concentration for both Fathead Minnow and Daphnia Pulex. When applied to impacted soil, a minimal reaction time renders the contaminant irreversibly altered and the contaminant, if hazardous, no longer possesses its chemical fingerprint. R3MEDIATE is particularly unique in that it renders the residue environmentally safe. On ground or water, R3MEDIATE does the job quickly and efficiently. Eliminates the need for costly soil removal and/or replacement.

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BEFORE



SPRAY & TILL



AFTER 5 HOURS

APPLICATION

R3MEDIATE application rates are typically 2 gallons per 1 cubic yard. R3MEDIATE begins working immediately and results are often seen in a matter of hours.

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BEFORE



AFTER