

Dilution Instructions for: CLN352 — Liquid Remediact™ Cleaning Agent

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MICROBIAL HYDROCARBON REMEDIATION FORMULA

PRODUCT OVERVIEW

Liquid Remediate™ is a newly developed product that was created to solve soil & water hydrocarbon contamination problems. This product has the ability to bio-remediate most hydrocarbons with a minimum amount of equipment, labor and cost. What sets **Liquid Remediate™** apart from all other products is the high concentration of live synergistic bacteria, in a remediation liquid, that quickly starts the bio-remediation process. Because of its relatively low cost, **Liquid Remediate™** is the ideal solution for most industries to solve their own hydrocarbon contamination problems.

HOW TO USE THIS PRODUCT

Liquid Remediate™ is highly concentrated. This product must be mixed in a 10:1 ratio with water. Changing this mixing ratio is not recommended. Each mixed gallon of **Liquid Remediate™** will remediate 1 cubic yard of soil or approximately 200 gallons of water. The following is the general procedure for using this product.

- Determine the area that is contaminated. This can be done by multiplying the length x width x depth in ft.. Then divide by 27 to determine cubic yards.
- After you have determined the above, plot-out a "matrix" approximately every 3-10 feet on the surface area, depending on soil density. This matrix will be the drilling points for the "Injection Wells" for the **Liquid Remediate™**.
- Drill the "Injection Wells" to a depth that is approximately 1-2 feet above the deepest point of contamination. Insert 2" PVC pipe to this depth and cap the bottom. This pipe should be "slotted-screened" pipe, generally found at "well supply companies". It is at these sections that the **Liquid Remediate™** will enter the sub-surface of the terrain. If you are going to inject directly into ground water "pools", please consult the factory.
- Mix the **Liquid Remediate™** at the 10:1 ratio in sufficient quantity to fill all of the well pipes, from top to bottom.
- Fill each pipe with the mixture and put a temporary "cap" on each.
- If possible, insert a 1/4" plastic air tube, through the cap, to the bottom of the pipe.
- Connect all of the air tubes to a central compressor at a pressure of approximately 5-8 lbs. PSI. This air will help to accelerate the bio-remedial process.

- The pipes should be checked for liquid content after 7 days. The liquid level should be maintained above the first slotted section for 2 weeks. Add mixture to maintain this level as needed.
- In approximately 30-45 days there will be significant reductions in the contamination levels. Test the site as dictated by local or managing authority requirements.

FOR OPTIMUM EFFECTIVENESS, A WATER TEMPERATURE BETWEEN 60° F. AND 90° F. SHOULD BE MAINTAINED. DO NOT EXCEED A WATER TEMPERATURE OF 120° F

APPLICATIONS

The following is a partial list of the hydrocarbons that **Liquid Remediate™** can remediate **Please contact EnviroLogic™, if you have any questions about its usage:**

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| • DIESEL FUEL | • ETHYLBENZENE | • SOLVENTS |
| • HEATING OIL | • JET FUEL | • ANTI-FREEZE |
| • GASOLINE | • CUTTING OILS | • ORGANIC PESTICIDES |
| • BENZENE | • GLYCOLS | • ORGANIC HERBICIDES |
| • PARAFFIN | • ALCOHOL | • TRANSMISSION FLUID |
| • LUBRICATING OIL | • NAPHTHALENE | • XYLENE |
| • PAINT THINNERS | • CRUDE OIL | • ORGANIC SOLVENTS |
| • MINERAL SPIRITS | • TOLUENE | • GREASE |
| • MOTOR OIL | • KEROSENE | • TARS |
| • AROMATICS | | |

PACKAGING INFORMATION

1 GALLON "CUBITAINERS" (4 per case) - 5 GALLON "CUBITAINERS"
SHIPPING: 36 UNITS PER SKID - BULK PACKAGING