NLB-1035

TECHNICAL DATA SHEET

newleaf biologics

NLB-1035 contains a specially designed blend of highly concentrated hydrocarbon degrading bacteria formulated for in situ remediation. These bacteria are native to Canada and are non-pathogenic, non-opportunistic, and non-toxic, making NLB-1050 a safe and environmentally friendly solution to hydrocarbon contaminated environments.

INTENDED USE

NLB-1035 is formulated for in-situ aerobic treatment of fractured rock, and all soil types including clay contaminated with a wide range of hydrocarbons including: F1-F4, BTEX, TPH, PAHs, diesel, gasoline, paraffin, lubricating oils, jet fuel, crude oils and more.

Environmental Conditions for use:

Range	Optimum
Temperature Range: 4° to 40°C	22° to 32°C
pH Range: 6.0-8.5	7.0 - 7.4
Moisture Content: 15-22%	18 - 20%

PHYSICAL PROPERTIES

NLB-1035 is a slightly cloudy liquid with a musky odour. It is shipped in 220ml or 1L container sizes to accommodate a wide range of application. This product must be refrigerated during storage. The optimum storage period for this product is not more than 3 months. Once diluted with water the product has a maximum storage period of 2 weeks, although it is recommended that application be within 48ths to ensure optimum activity.

PREPARATION AND APPLICATION

Please refer to material safety data sheet (MSDS) prior to using this product.

NLB-1035 is produced as a concentrate and must be diluted in dechlorinated water prior to use.

Gently shake each container of NLB-1035 to ensure proper resuspension of product and then add 220ml of product to 220 L of dechlorinated water (>8°C). Apply sufficient aeration to this application solution prior to use so as to maintain a dissolved oxygen concentration of 4-10mg/L.

Apply the solution evenly and thoroughly to the contaminated soil or water environment.