

SR-2020

TECHNICAL DATA SHEET

SR 2020 contains a blend of hydrocarbon degrading bacteria which is added to DXR surfactant to create a highly specialized soil remediation formulation. These bacteria are native to Canada and are non-pathogenic, non-opportunistic, and non-toxic, making SR 2020 a safe and environmentally friendly solution to hydrocarbon contaminated environments.

INTENDED USE

SR 2020 can be used in both in-situ and ex-situ aerobic treatment of soils and groundwater contaminated with a wide range of hydrocarbons including: Petroleum Hydrocarbons in the F1-F4 range, BTEX, TPH, PAHs, diesel, gasoline, paraffin, lubricating and hydraulic oils, jet fuel, crude oils and more.

SR 2020 and DXR formulation can also be used accelerate other bioremediation technologies such as phytoremediation, landfarming, and biostimulation.

Environmental Conditions for use:

Range	Optimum Range
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

SR 2020 is a slightly cloudy liquid with a musky odour. It is shipped 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 should be used within 2 weeks to ensure optimum function.

PREPARATION AND APPLICATION

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

SR 2020 is produced as a concentrate and must be diluted in dechlorinated water and blended with DXR prior to use. Gently shake each 1 L container of SR 2020 to ensure proper resuspension of product and then blend with 1L of DXR surfactant and 100 L of dechlorinated water. This application solution can treat approximately 275 m3 of contaminated soils.

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

Monitor and apply sufficient aeration throughout treatment period to ensure oxygen levels are maintained above 15%. Carbon dioxide and VOC levels should also be monitor to assess treatment progress.