



Technical Data Sheet

HYDROCARBONS REMEDIATOR & CLEANER bioGRASS EXTRA[®]

PRODUCT INFORMATION

BioGRASS EXTRA[®] is a hydrocarbon decomposer that performs the functions of cleaning and remediating materials and surfaces that have been contaminated with hydrocarbons of mineral, vegetable or animal origin. It is 100% of vegetable origin. It does not require special safety equipment for application since it is harmless, non-toxic, non-irritating to the skin, non-flammable and non-corrosive.

Presentation is liquid in container, drum, pipe or bulk.

It works by contact and the greater the contact the better the result. (ie. brushed, sprayed, churned, mixed, etc.)

BioGRASS EXTRA[®] does not mix with the contaminant, it releases it from the contaminated substance or surface. For this reason, it does not degrade, which allows (depending on the process) for it to be reused up to several times.



PRODUCT SPECIFICATIONS

Appearance: Liquid
Color: Dark
Odor: Vegetable
PH (concentrate): 7.8 - 9.6
Boiling point: 100 °C
Freezing point: -12 °C
Solubility in water: 100%
Organic Volatile Compounds: N / A
Specific Gravity: 1.0 - 1.1
Molecular weight: 22 kg / kgmol

USE

- Cleaning of fuel spills on floors, soils, sand and water
- Cleaning of drill cuttings
- Cleaning of storage tanks of hydrocarbons / fuels / drilling mud, etc.
- Cleaning and washing of equipment and tools
- Cleaning of drilling rigs
- Cleaning of animals affected by hydrocarbons
- Reduction of hydrocarbons in produced water

APPLICATION

Goal is to provoke contact between the contaminated material or surface in a solution of bioGRASS EXTRA[®] that has been diluted with water according to the degree of contamination (light, medium, heavy). If required, subsequent rinses may be performed with water.

CHARACTERISTICS

- 100% vegetable-origin.
- It decomposes the hydrocarbon molecular chain upon contact, cleaning and initiating the remediation process immediately.
- It is totally harmless and does not require protective equipment for application.
- Listed by the United States Environmental Protection Agency (EPA):
<https://www.epa.gov/emergency-response/biograssextra>
- It's a Green Product that respects, preserves and helps to restore the ecosystem
- Stable and non-flammable.

TIPS

- For best results, apply at temperature between 60 °C and 90 °C
- Don't freeze
- Keep out of sun
- Shake well before use

CAUTIONS

Surfaces may become slippery when wet.
Excercise caution when walking on a wet surface.

LIMITATIONS

The shelf life of the product under normal storage conditions is 2 years.

DISPOSAL CONSIDERATIONS

bioGRASS EXTRA[®] is completely water soluble, biodegradable and non-toxic.

If the wastewater is drained, the diluted solution does not harm the microorganisms involved in the treatment of sewage. Dispose of in accordance with local, state, and federal regulations.

Containers: bioGRASS EXTRA[®] waste can be completely removed by rinsing the container with water. The packaging can be recycled or reused.

GLOBALLY HARMONIZED SYSTEM (GHS)

**“Not classified
as hazardous
according to GHS”**

GENERAL INFORMATION

Manufacturer:

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