

PRODUCT DATA SHEET

MX-80 OIL AND HYDROCARBON REMEDIATOR

DESCRIPTION

MX-80 Hydrocarbon Remediator is a complex blend of proprietary chemistry and remediation additives, offering rapid reductions of a broad spectrum of organic pollutants, with the combined benefits of the speed of chemistry and the security of long-term microbial remediation.

Specifications

Proprietary blend of Silicates and remediation additives	20-40%
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USES & METHOD OF USE

SOIL REMEDIATION

- It is always advisable to take soil samples to determine soil type, degree of contamination and depth of contamination.
- Once the TPH has been determined, additional soil samples dosed with MX-80 at various ratios to be tested at various intervals – 72 hours, 1 week, 2 weeks – will indicate the optimum time/cost method.
- As a rule of thumb, the area should be saturated with a 50/50 mixture of MX-80 and water. A dosage rate of 5 liters per 1 metre³ of soil at a 50/50 ratio can be used as a guide for contaminations lower than 25000ppm, this should achieve sub 1000ppm results in less than 2 weeks. For faster results, a higher dosage rate can be used.
- Shake or mix the MX-80 especially when the product has been in storage for long periods or when temperatures drop below 5°Celsius.
- MX-80 can be sprayed, poured, or injected depending on depth of contaminant and soil type.
- Ensure correct PPE is used at all times
- Where the contaminant is on or near the surface, the soil can be sprayed at the desired rate, raked, turned manually or mechanically, and sprayed again.
- Allow 24 hours to react and then lightly water to assist with the silicates freedom of movement in making contact with the pollutant.

- Repeat the process after 24 hours.
- Regular sampling as per lab analysis will ensure targets are being achieved.
- A treatment of “Cyber-bac” bacteria is recommended for pockets of contaminant that may occur underground and are inaccessible for contact with MX-80.
- In areas of deep contamination and injection is required, it is advisable to contact a reputable spill cleanup company for application.

BENEFITS

- Non-Toxic
- Water soluble
- Non- flammable
- Biodegradable

SAFETY PRECAUTIONS

SKIN	Wash with soap and water. Gloves are recommended.
EYES	Remove contact lenses. Flush with water or saline for 15min
CAUTION	MX-80 Oil Cap will etch glass

CAUTION

In its concentrated form the product is highly alkaline and can be harmful to aquatic life, and therefore caution should be taken when utilized near waterways.

If used as recommended, the contamination that MX-80 is used to treat being acidic in nature, will counter the high alkalinity, thereby mitigating the risk that MX-80 may pose. However, care must be taken to prevent any spills during the storage and transportation phase.

If a spill should occur, immediately consult a registered waste management company and dispose of according to municipal by laws.

FOR MORE INFORMATION CONTACT 082 873 2688