

## PRODUCT DATA SHEET

### MX-70 OIL AND HYDROCARBON CONVERTOR

#### DESCRIPTION

MX-70 Oil & Hydrocarbon convertor is a complex blend of mineral silicates designed to neutralize oils and other hydrocarbons for safe disposal. MX 70 Hydrocarbon convertor, breaks the C bond of a long hydrocarbon chain into much shorter molecules, thus enabling rapid encapsulation and conversion to occur. This chemically converts pollutants to less harmful substances such as organo silicates

#### Specifications

Proprietary blend of Silicates	20-40%
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#### USES & METHOD OF USE

General spills: Ideally use 1-1 for medium spills or soiling. Dilute 1-3 for light cleaning, or for repeat cleaning

Apply MX-70 Oil & Hydrocarbon convertor to the spill, allow a few minutes to penetrate and agitate with a brush, allow to stand for a further 20 minutes then rinse off with water. Repeat if necessary.

Parking bays: Apply MX-70 Hydrocarbon convertor to oil marks on both tarred and concrete parking bays, agitate with a brush and leave for 3-4 hours. You can then either wash down the affected area or leave it to nature to disperse. A second application may be required.

Road spills: Apply MX-70 Hydrocarbon convertor to the contaminated area, agitate with a broom and leave to nature. When applying neat, 1 litre of MX-70 Hydrocarbon convertor should cover between 5m<sup>2</sup> and 10m<sup>2</sup> depending on severity of soiling. The surface should take between 10 and 20 minutes to dry. It can then be left to nature to disperse or washed off with water as the hydrocarbons have been encapsulated and thereby rendered inert.

Use an absorbent if the hydrocarbon is pooled. Remove the absorbent and treat the area with MX-70 Hydrocarbon convertor by using a backpack spray applicator. Agitate with brooms. After 30 minutes the road will be dry and able to be re-opened to traffic.

Contaminated soil: First loosen the soil to allow better penetration of MX-70 Hydrocarbon convertor. Dilute MX-70 Hydrocarbon convertor 1:1 with water to allow better distribution of the product. Continuously turn the soil over making sure the chemical comes in full contact with the affected soil. A second application is required after 3 – 5 days. The soil should then be left to stand for a further 30-day period. During this period Hydrocarbon Bacteria products may be applied as the silicate matrix is highly palatable to bacteria at this point.

Progress can be monitored via sampling of soil by a lab using the TPH (Total Petroleum Hydrocarbon) method of analysis.

Please note MX-70 Hydrocarbon convertor should not be applied to hydrocarbon spills which are pooled. Excess oils/hydrocarbons need to be removed first by using an absorbent material first, such as Cybersorb.

MX-70 Hydrocarbon convertor can then be used to treat the contaminated absorbent material before disposal. Within 30 days the absorbent will be entirely free of hydrocarbons and can be disposed of normally.

Acid spills: Apply MX-70 Hydrocarbon convertor to the spill, leave for 30-50min. The acid has now been neutralized and can be disposed of safely.

MX 70 Oil Convertor also acts as a highly effective fire suppressant.

#### 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	MX70 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 MX70 is used to treat being acidic in nature, will counter the high alkalinity, thereby mitigating the risk that MX70 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**