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## Product Data Sheet

According to SANS 10234 / 11014:2009/10

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# HTECH

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## HYDROCARBON CONTAMINATION TREATMENT

### THE NATURAL SOLUTION TO OIL POLLUTION PROBLEMS

(MPDS)

HTech neutralizes oil pollution and stains by making them inert and changing them to a non-hazardous substance called organo silicate. HTech has been specifically designed to neutralize toxic hydrocarbons to a non-hazardous and irreversible state under normal pH conditions. This process is simple and fast leaving the converted hydrocarbons inert.

HTech is at the forefront of the natural and environmentally safe treatment of the remediation of oil pollution and stains.

The process is faster than any other means of remediation and does not require any additional work.

### PROPERTIES:

HTech is:

- ✓ Non-flammable
- ✓ Water-soluble
- ✓ Non-hydrocarbon
- ✓ Fire-suppressant

HTech is environmentally safer to use than detergent and solvent based degreasers.

### COMPOSITION

HTech is based on a complex blend of mineral silicates, and solution. It is a clear liquid with no discernable odor, with a Specific Gravity of less than 1.25 and which is miscible with water. It has an alkali pH.

## **ACTION**

HTech eradicates oil, diesel, petrol, slicks and fat stains from all hard surfaces, including bituminous macadam (tarred roads). There will be no leaching of contaminants.

## **APPLICATION**

HTech is safe for use in environmentally sensitive areas.

HTech can be used on:

Tarred roads, bricks, concrete, steel structures, soil.

## **HANDLING AND STORAGE**

Store in a cool, dry, non-freezing place and keep containers closed. Avoid eye and skin contact and do not eat or drink in the storage facility.

## **CAUTION**

HTech could etch glass if allowed to dry on the glass surface. If it comes into contact with glass, wash off immediately with clean water.

Do not allow HTech to come into contact with skin or eyes. If HTech splashes onto skin or into eyes, it can cause irritation. Wash immediately with large amounts of clean water.

## **DIRECTIONS**

**NB. Do not dilute.**

### **Equipment required**

A pressurized system, rubber gloves and goggles.

### ➤ **Concrete, Tarred, Brick surfaces**

1. Spray directly onto the contaminated area (Heavy contamination, spread and agitate with a stiff broom)
2. Leave to dry.
3. If required, rinse with a high pressure wash

### ➤ **Soil Remediation**

1. Spray until saturation directly onto the surface.
2. Till the soil to expose the contamination below the surface and spray again.
3. Leave for 24 hours
4. Further treatments may be necessary.

**Note:** *If not rinsed off, HTech will leave a white residue. It is the organo silicate residue and will disperse naturally, wear off or be removed by traffic.*

Clean and rinse all application equipment; flush out sprayers and nozzles

### CLEANING OIL SPILLS ON TAR

**BEFORE**



**AFTER**



### CLEANING OIL SPILLS ON BRICK

**BEFORE**



**AFTER**



## CLEANING OIL SPILLS ON CONCRETE

**BEFORE**



**AFTER**



## REMEDIATING CONTAMINATED EARTH

**BEFORE APPLICATION**



**AFTER APPLICATION**



Note how HTech has dried out the ground and broken down the oil. There are still some areas that need another application.