HTECH

HYDROCARBON CONVERTOR

THE NATURAL SOLUTION TO OIL POLLUTION PROBLEMS

(MPDS)

HTECH neutralizes oil and grease pollution and stains by permanently converting 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. This process is simple and fast leaving the converted hydrocarbons harmless and inert.

A complex blend of aqueous silicates, HTECH is at the forefront of the natural and environmentally safe treatment of the remediation of oil and grease pollution and stains. It is part of the new wave of Molecular Nanotechnology (MNT), which operates through the natural bonding and conversion of chemicals at atomic levels. HTECH makes the Hydrocarbon chemically inactive / inert.

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

PROPERTIES:
H TECH is:

- ✓ Biodegradable
- ✓ Non-flammable
- ✓ Water-soluble
- ✓ Non-toxic
- ✓ Non-hydrocarbon
- ✓ Fire-suppressant
- ✓ Inert

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

COMPOSITION
HTECH is based on a complex blend of mineral silicates, (which make up more than 60% of the Earth's crust) and water. It is a clear liquid with no discernable odor, with a Specific Gravity of approximately 1.25 (heavier than water) and which is miscible with water. It has an alkali pH.

ACTION
HTECH eradicates oil, diesel, petrol, grease, fat stains and slicks from all hard surfaces, including bitumous macadam (tarred roads). There will be no leaching of contaminants, as they no longer possess their chemical fingerprint.

APPLICATION
HTECH is safe for use in environmentally sensitive areas.

HTECH can be used on:
Tarred roads, bricks, concrete, vehicles, general machinery, steel structures, soil and water.

HTECH is very effective for remediating soil, Tailings and Stock piles. (Above ground and underground)

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 will 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. HTECH does not have any harmful effects.

DIRECTIONS

Equipment
Backpack sprayer for larger areas, hose and rubber gloves.

- **Concrete, Tarred, Brick surfaces**
  1. **Do not dilute**
  2. Spray directly onto the contamination (For heavy contamination, spread and agitate with a stiff broom)
  3. Leave to dry.
  4. If required, rinse with a high pressure wash
  5. Repeat the process where necessary.

- **Machinery**
  1. Spray directly onto the contaminated areas.
  2. Brush any heavily soiled areas.
  3. Allow to dry, rinse with a high pressure wash

- **Soil Remediation / Heavy Metal Encapsulation**
  1. **Do not dilute**
  2. Spray until saturation directly onto the surface.
  3. Till the soil to expose the contamination below the surface and spray again.
  4. Leave for 24 hours
  5. Further treatments may be necessary.

***Note**: If not rinsed off, HTECH will leave a white residue. It is not toxic, 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.