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SPECTON - CRACK CLEANING AGENT

DESCRIPTION: Specton Crack Cleaning Agent is an 85 % concentrate of Food Grade Phosphoric acid. When diluted with clean water to a 5 % solution, Specton Crack Cleaning Agent is designed to be injected into cracks, joints and rock pockets in concrete structures to remove compacted fines in the crack due to drilling, calcium deposits and to clean and stabilize rebar. The use of acidization techniques improves the penetration of resin, adhesion, increases productivity and provides contractors and their clients with predictable results.

RECOMMENDED FOR:

Injecting cracks, joints and rock pockets in preparation for resin injection in concrete structures such as:

- Parking Garages
- Potable Water Tanks
- Dams and Powerhouses
- Tunnels (Subways and Highways)
- Elevators and Service Pits
- Canals
- Swimming Pools
- Underground Utilities and Municipal Services
- Waste water treatment plants
- Processing Plants
- Industrial, Commercial and Residential poured concrete foundations

FEATURE/BENEFITS:

- **Safe** – Tested and classified by UL in accordance with Standard ANSI / NSF 60 for contact with potable water. Specton Crack Cleaning Agent is a Food Grade Phosphoric Acid.
- **Multi Purpose** – In addition to cleaning dirt and calcium deposits from the cracked concrete surfaces to improve penetration and bond, Specton Crack Cleaning Agent cleans rebar and forms a passive Chelate and Phosphate coating to stabilize the steel.
- **Proven Track Record** – Acidization techniques have been successfully used for over 8 years in North America and are recognized by contractors and engineers as a necessary and effective procedure for effective resin injection.
- **Applicator Friendly** – Specton Crack Cleaning Agent does not require any special equipment and is easily injected using single component injection equipment.

Composition/Characteristics

SPECTON Crack Cleaning Agent

Appearance	Clear Liquid
Viscosity (25 C)	10 cps +/- 2
Ingredient	Food Grade Phosphoric Acid 85 %

MIXING and HANDLING:

- 1) Wear rubber gloves and safety glasses and/or a safety shield when mixing or handling the products. Familiarize yourself with the MSDS guidelines and information. Mix and install the materials in a well-ventilated area.
- 2) Always add Specton's Crack Cleaning Agent to the clean water and stir gently. For an approximate 5 % solution, add the contents of the Specton Crack Cleaning Agent (1.8 KG Bottle) to 17 Litres of clean water.
- 4) Install or inject the Diluted mixture using a single component pump until the mixture is seen exiting the crack, joint or rock pocket.
- 5) After the acid injection is complete, repeat the flushing process by injecting the crack, joint or rock pocket with copious amounts of clean water.

APPLICATION:

Contact a Specton technical representative for specific application guidelines for your injection project.

Refer to SPECTON's proven *SPEC-IT* (*Specton Injection Technique*) installation guidelines for crack injection, expansion joints and manhole repair.

STORAGE:

- Do not allow Specton Crack Cleaning Agent to freeze or to be stored in temperatures below 0 C (32F).

PACKAGING:

SPECTON Crack Flushing Agent – **1.8 KG Plastic Bottles**

SAFETY PRECAUTIONS:

Avoid contact with skin or eyes.

Familiarize yourself with the MSDS and follow safety precautions indicated.

Mix and apply the materials in a well ventilated area.

In addition to conventional construction safety equipment, wear rubber gloves and a safety visor.

When possible, PREMIX Specton's Crack Cleaning Agent to the desired % (typically 5%) in a controlled environment away from the site.

All recommendations, data and statements contained within this document are based on tests we believe to be correct, but are not to be construed as a warranty either expressed or implied. The user shall rely on his or her own tests and information to determine the suitability of the product for the application and assumes all risk and liability resulting from his or her use of the product. The seller's and manufacturers sole responsibility shall be to replace that portion of product that is proven to be defective. Neither the seller nor the manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from the use or inability to use the product.