



MATERIAL SAFETY DATA SHEET - CRACK CLEANING AGENT 85%

SECTION 1 - PRODUCT IDENTIFICATION AND USE

Product Name: CRACK FLUSHING AGENT
Product ID No.: UN 1805 WHMIS Class: E
NAERG: 154
Product Use: Concrete Crack Flushing Agent
Distributor: Spection Construction Products Ltd.
12 Wallace Street Unit #2
Acton, ON L7J 2V6

SECTION 2 - HAZARDOUS INGREDIENTS

<u>Ingredient</u>	<u>%</u>	<u>CAS#</u>
Phosphoric Acid (Food Grade)	85	7664-38-2

SECTION 3 - PHYSICAL DATA

Physical State: Liquid
Odor & Appearance: Clear, no odor
Odor Threshold: Not Available
Vapor Pressure: 5.0
Vapor Density: 2.9
Evaporation Rate: Not Available
Boiling Point: 135 °C
Freezing Point: Not Available
pH: 1.5
Specific Gravity: 1.574 (75%) @ 25 °C
Coef. H₂O/oil Dist.: Not Available

SECTION 4 - FIRE AND EXPLOSION DATA

Flammability: No
Means of extinction: Carbon Dioxide, Halon
Flashpoint: None
Upper Flammable Limit: Not Available
Lower Flammable Limit: Not Available
Autoignition Temperature: 516°C
Hazardous Combustible Products: None
Explosion Data: Not Available

SECTION 5 - REACTIVITY DATA

Chemical Stability: Yes
Incompatibility: Alkalies, Reactive Metals, & Oxidizing Materials
Reactivity: Moderate
Hazardous Decomposition Products: Phosphorus oxides may form when heated to decomposition

SECTION 6 - TOXICOLOGICAL PROPERTIES

Route of Entry:
Skin Contact: Yes Skin Absorption: Yes
Eye Contact: Yes Inhalation: Yes
Ingestion: Yes
Effects of Acute Exposure:
Skin: May cause severe burns.
Eyes: May cause blurred vision, eye burns.
Inhalation: May cause nose and throat irritation.
Ingestion: Gastro-intestinal irritation, nausea and vomiting.
Swallowing may be fatal.
Effects against Chronic Exposure to Products: Not available
Exposure Limits: OSHA PEL = 1mg/m³
Irritancy of Product: Eye and skin irritation
Sensitization to Product: Skin
Carcinogenicity: Not listed by the IARC
Teratogenicity: Not Available Reproductive Toxicity: Not Available
Mutagenicity: Not Available Synergistic Products: Not Available

SECTION 7 - PREVENTIVE MEASURES

Personal Protective Equipment:

Use safety goggles.
Use PVC or neoprene industrial gloves.
Use protective clothing, with long sleeves and long pants.
Maintain eye bath in work area.

Engineering Controls:

Use in mechanically ventilated areas.

Leak and Spill Procedure:

Absorb with conventional absorbents.
Dispose according to local regulations.

Waste Disposal:

Absorb with conventional absorbents.
Dispose according to local regulations.

Handling Procedures and Equipment:

Handle with care.
Do not open containers until at working place.

Storage Requirements:

Any convenient location or temperature.
Not permanently affected by freezing.

Special Shipping Instructions:

Ship as Dangerous Goods, Proper shipping name - Phosphoric Acid, UN 1805, Class 8, Packing Group III.

SECTION 8 - FIRST AID MEASURES

Skin Contact: Wash with lots of water.
Eye contact: Wash with lots of water and seek medical attention.
NAERG: 154

SECTION 9 - PREPARATION DATE OF MSDS

Prepared by: SPECTON
Phone: 1-866-773-2866
Date: January 4, 2018