



EMS Barracuda 10k

WORLD'S ONLY NON-REGULATED and OEM APPROVED CONCRETE STRIPPER

- Removes Concrete
- Non-Corrosive
- 100% Synthetic Acid
- Non-Fuming
- Non-D.O.T. Regulated
- 100% Biodegradable
- Safe on Glass & Chrome
- One-Step Process
- Exceeds OSHA and EPA Safety Requirements
- Removes Mineral Stains
- Safe on Skin

Barracuda 10k is not only the most potent concrete stripper in the world, it is also the safest. Independent tests confirm that EMS Barracuda 10k, formed with EMS' patented SynTech, the world's only synthetic acid, dissolves nearly 15% more concrete than hydrochloric acid. Still, that potency comes with a triple zero HMIS score. Which makes our concrete stripper safe on skin, safe for your equipment and safe to store anywhere you wish.

Barracuda 10k is so safe it is recommended by leaders in the industry including Mack, McNeilus, Oshkosh, London, Indiana Phoenix and others. It is safe on paint, chrome, wiring, plastic, aluminum and even glass.

Barracuda 10k contains no acid and is non-corrosive, meaning it can be applied to any equipment. It is so safe it can be left on overnight to loosen the heaviest buildup. Ideal for cleaning forms, pavers, portable mixers, swimming pools, tools, windows, anywhere you find cement, gunite or mortar. Any cleaning that once required the use of dangerous, toxic acids can now be safely done with Barracuda 10k. It is entirely synthetic, so no neutralizing step is required. Simply rinse with water.

Barracuda 10k concrete stripper is non-regulated and is readily biodegradable per OECD 301D. Barracuda 10k is non-fuming and 100% OSHA safety compliant.

The formula and its ingredients meet or exceed the EPA's Safer Choice program requirements for both the safety of the environment and the user.



 **syntech**[®]

Technical Data

BIODEGRADABLE: Yes/100%	FLAMMABILITY: Non-Flammable
FORM: Liquid	BOILING POINT: 210° F
ODOR: Mild Soapy Odor	SOLUBILITY IN WATER: 100%
COLD STABILITY: -26° F	VOCs: None
DETERGENCY: Moderate	VOLATILE BY VOLUME: N/A
PHOSPHATES: None	CARCINOGENS: None
WETTING ABILITY: Excellent	SHELF LIFE: 1 Year

Dissolving Properties

Calcium Oxide Dissolving Properties with 3 Minute Exposure

Barracuda 10k	13.9
HCl (Muriatic)	8.9
Urea HCL	7.2
Urea Sulfuric	6.1
Phosphoric	0.9
Citric	0.0
Lactic	0.2
Acetic	0.1
Glycolic	0.2
Oxalic	0.0
Malic	0.4

Test Conditions

200 grams of 5% active solution
1 Calcium Carbonate Cube
3 Minutes @ 70° F

Clearly, Barracuda 10k out performs acids and organic salts when it comes to dissolving calcium carbonate, including HCl (Muriatic), urea HCL which are highly corrosive.

DOT STATEMENT

Non-D.O.T. Regulated/Non-D.O.T. Hazardous
EXEMPT as per 49 CFR 173.154(d) (2) <6.25 mmpy

Dilution Specification

Please refer to the product label.

Toxicity Studies

Toxicity Limits: Test Procedure OECD 202, 48 hr. LC 50 and LD 50 (rat oral: NON-TOXIC)

Mutagenicity Limits: OECD Guidelines Sec. 471 Chemicals:
NON-MUTAGENIC

Dermal Irritation & Corrosion

A modified Draize method was used as described in OECD Guidelines for the Testing of Chemicals Sec. 404 and complies with the requirements of OECD Principles of GLP, Annex revised as of July 1992.

Barracuda 10k is classified as a "Very Mild Skin Irritant".

Biodegradation & Aquatic Safety

Test Procedure: Hach Reactor Digestion method for Waste Water and Sea Water. Hach Reactor Digestion Method is a semi-micro adaptation of the Standard Methods.

Barracuda 10k is 100% Biodegradable.

Classifications & Approvals

D.O.T., IMO, IATA, IMDG - Non-Regulated

TDG - Non-Regulated to and through Canada

SARA 313 311/312 - This product does not contain any ingredients that are subject to the reporting requirements.

California Prop 65 - This product does not contain any ingredients known to the state of California to cause cancer, birth defects or any other reproductive harm.

FDA - Recognized as Safe (GRAS)

USDA Authorization
A1, A2, A4, A8, C3

Additional Studies & Results: When tested, Barracuda 10k showed no potential for the generation of Carbon Dioxide under NIOSH 7903 OSHA & ACGIH testing protocols governing workplace environments.