



## EMS Ready-Mix Truck Wash and Wax

WORLD'S ONLY NON-D.O.T. REGULATED, OEM APPROVED READY-MIX WASH

- Removes Concrete
- Non-Corrosive
- 100% Synthetic Acid
- Removes Grease & Soot
- Eliminates Rust
- Safe on Glass & Chrome
- Carnauba Wax
- Anti-Stick Coating
- One-Step Process
- Non D.O.T. Regulated
- OSHA Compliant
- Safe on Skin

Until now, the only effective way to remove concrete from ready mix trucks has been the use of harsh acids. While these acids eat away the concrete, they pose significant dangers to the truck, the environment and the person washing it.

EMS Ready Mix Truck Wash and Wax is a non-corrosive, non-skin irritant and 100% biodegradable truck wash that removes concrete as effectively as traditional acids or organic salts. Powered by SynTech<sup>®</sup> the world's only synthetic acid, Ready Mix Truck Wash and Wax earns a triple-zero HMIS score. Its unmatched safety profile and performance earns the approval and recommendation of OEM industry giants - a claim no other wash can make.

Along with Syntech, this all-in-one wash contains the finest gre detergents, brighteners, natural rust inhibitors and waxes. A simple one-step application quickly removes grease, oil, rust, grime, diesel stains and soot and protects your substantial investment from the elements. Apply and rinse. No neutralizing step is required. It is so safe it can be left on over-night to loosen the heaviest buildup.

And because Ready Mix Truck Wash and Wax contains no acid and is non-corrosive, you can apply it to any part of the truck, including glass, chrome, aluminum, rubber, plastic and paint. Our newest formulation boasts the benefits of Fusion, our safe but potent anti-stick agent, making it harder for stains and concrete to adhere to the truck.

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**<sup>®</sup>

## Technical Data

BIODEGRADABLE: Yes/100%	FLAMMABILITY: Non-Flammable
FORM: Liquid	BOILING POINT: 212° F
ODOR: Mild Soapy Odor	SOLUBILITY IN WATER: 100%
COLD STABILITY: -37° F	VOCs: None
DETERGENCY: Excellent	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

<b>Ready Mix Truck Wash</b>	<b>9.1</b>
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 Oxide Cube  
3 Minutes @ 70° F

Clearly, Ready Mix Wash and Wax out performs other acids when it comes to dissolving calcium oxide, except HCl (Muriatic) which is highly corrosive.

## DOT STATEMENT

Non-D.O.T. Regulated/Non-D.O.T. Hazardous  
EXEMPT as per 49 CFR 173.154(d) (1) <6.25 mmpy

D. O. T. classifies a material to be corrosive and hazardous if it has a corrosion rate that exceeds 6.25 mmpy on SAE C1020 carbon steel or 7075- Y6 Aluminum.

## 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.

Ready Mix Truck Wash and Wax is classified as a "Non-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.

Ready Mix Truck Wash and Wax 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

### OEM Approval

Mack, Volvo, Shumaker, Indiana Phoenix, Elkin, CBMW, Zimmerman, McNeilus, London Machinery and Oshkosh

Additional Studies & Results: When tested, Ready Mix Truck Wash and Wax showed no potential for the generation of Carbon Dioxide under NIOSH 7903, OSHA & ACGIH testing protocols governing workplace environments.