



## EMS Emergency Vehicle Wash

WORLD'S ONLY OEM-APPROVED EMERGENCY VEHICLE WASH

- Non-Corrosive
- EPA Approved Ingredients
- Use Inside or Outside of Vehicle
- Removes Rust and Mineral Stains
- Virucide Kills on Contact
- Safe on Chrome
- Brightens Aluminum
- Ideal for Police, Fire, and Ambulances
- Safe on MedEvac Copters

Emergency Vehicle Wash is the only vehicle cleaner recommended by industry leading original equipment manufacturers for a reason: it cleans, disinfects, brightens, deodorizes, conditions and protects without the use of harmful acids or solvents. And, it does it with a simple one-step process.

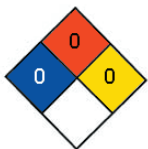
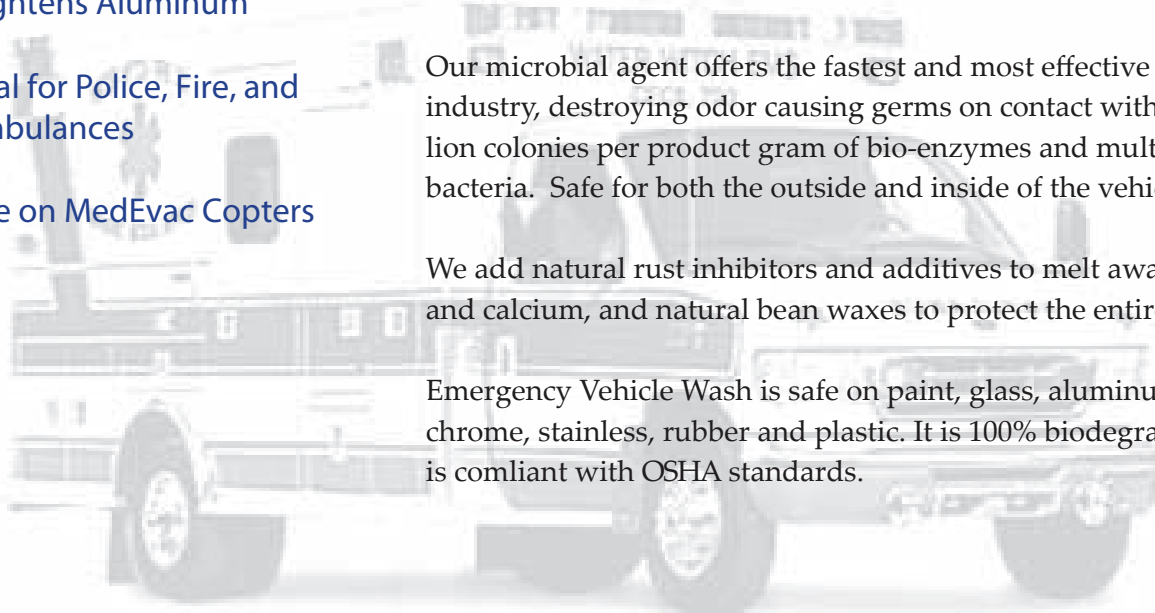
Powered by our patented SynTech<sup>®</sup>, the world's only synthetic acid, we safely replace phosphoric acids which carry one-tenth of our cleaning power. Still, SynTech carries a triple-zero HMIS score, is non-skin irritating, non-corrosive and non-regulated by the D.O.T.

Our superior cleaning ability comes from a patented ingredient safely encapsulates and lifts fats, grease and dirt from any surface without the use of solvents.

Our microbial agent offers the fastest and most effective kill in the industry, destroying odor causing germs on contact with over 3 billion colonies per product gram of bio-enzymes and multi-cultured bacteria. Safe for both the outside and inside of the vehicle.

We add natural rust inhibitors and additives to melt away salts and calcium, and natural bean waxes to protect the entire truck.

Emergency Vehicle Wash is safe on paint, glass, aluminum, chrome, stainless, rubber and plastic. It is 100% biodegradable and is compliant with OSHA standards.



**syn**tech<sup>®</sup>

## Technical Data

NITRATE LEVEL: **0% - None**  
FORM: **Liquid**  
ODOR: **Soapy Odor**  
COLOR: **Light Amber**  
DETERGENCY: **Strong**  
TOXICITY: **Non Toxic**  
WETTING ABILITY: **Excellent**  
STORAGE STABILITY: **3 Years+**  
COLD STABILITY: **30° F**

SHIPPER REGULATIONS: **None**  
FLASH POINT: **None**  
BOILING POINT: **245° F**  
SOLUBILITY IN WATER: **100%**  
BIODEGRADABLE: **Yes/100%**  
VOLATILE BY VOLUME: **N/A**  
CARCINOGENS: **None**  
VISCOSITY: **Thin**  
EVAPORATION RATE: **Slow**

## Dilution Specifications

Please refer to the product label.

## Toxicity Studies

### Toxicity Limits: Test Procedure OECD 202, 48 hr.

LC 50 and LD 50 (rat oral) scores found "911" VW to be NON-TOXIC.

### Mutagenicity Limits: OECD Guidelines Sec. 471 Chemicals

Emergency Vehicle Wash Wax was found NOT TO BE MUTAGENIC

### Dermal Irritation & Corrosion Test

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.

Emergency Vehicle Wash received a Primary Irritation Score of 0.6 +/-0.1 and 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.

Test Results Conclude Emergency Vehicle Wash was found to be 100% Biodegradable

COD = **Low Detectable Limits**

BOD = **No Detectable Limits**

## Metal Studies

Dept. of Transportation (D.O.T.) Test Protocols as per Section 173.154 Exceptions for Class 8 (corrosive materials): The material being tested must be proven to be non-destructive or not to cause irreversible alterations in human skin tissue. Testing was conducted on an albino rabbit.

**Conclusion:** Emergency Wash and Wax was proven to be NON DESTRUCTIVE on human skin tissue.

**Metal Test Limits:** D.O.T. Classifies a material to be CORROSIVE if it has a corrosion rate that exceeds 6.25 mmpy on SAE C1020 carbon steel.

Results of Emergency W&W: SAE 1020 carbon steel = 0.00 mmpy

**Conclusion:** Emergency Wash and Wax is NON-CORROSIVE

## Classifications & Approvals

**D.O.T., TDG, IMO, IATA, IMDG, SARA 313 311/312, California Prop 65**NON-Regulated

### FDA

Approved as Safe (GRAS)  
(CGMP) CFR 184.1923

### USDA Authorization

A1, A2, A4, A8, C1, C2

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