



# EMS Waste Hauler Wash and Wax

WORLD'S ONLY OEM-APPROVED, NON-REGULATED CLEANER FOR THE WASTE INDUSTRY

- Non-Corrosive
- Lifts Grease
- Cuts Animal Fats
- Cuts Vegetable Fats
- Non-Emulsifying
- One-Step Process
- Reduces Grease Trap Maintenance
- Microbial Agent
- Safe on Paint and Glass
- Wax and Anti-Stick Coating
- Eliminates Odors
- OEM Approved

EMS Waste Hauler Wash and Wax is the only cleaner approved by industry leading original equipment manufacturers for a reason: we clean, brighten, deodorize, condition and protect without the use of harmful acids or solvents. And we do it with a simple one step process.

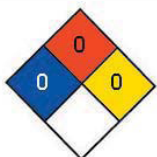
Powered by our patented SynTech<sup>®</sup>, the world's only synthetic acid, we safely replace and outperform harsh acids yet carry a triple-zero HMIS score. SynTech is non-skin irritating, non-corrosive and non-regulated by the D.O.T.

Our superior degreasing ability comes from a patented ingredient that safely encapsulates and lifts fats and grease from any surface without the use of solvents. As such, it is able to remove petroleum-based oils and vegetable and animal fats, along with dirt, soils and grime. Again, the power comes from our synthetic degreaser and surfactant which contains no emulsifiers.

Our microbial destroys solids and odor-causing germs on contact with over 3 billion colonies per product gram of bio-enzymes and multi-cultured bacteria.

We add natural rust inhibitors and additives to melt away salts and calcium, natural cherry oils to leave behind a pleasant scent, and natural bean waxes to protect the entire truck. Our newest formulation also boasts the benefits of SynGuard, our potent anti-stick agent making it harder for stains to adhere to the truck.

Waste Hauler Wash and Wax is safe on paint, glass, aluminum, chrome, stainless, rubber and plastic. It is 100% biodegradable in 10 days or less, meeting the US EPA standards for a direct release formulation.



## Technical Data

NITRATE LEVEL: **0% - None**  
FORM: **Liquid**  
ODOR: **Mild Soapy Odor**  
COLOR: **Light Yellow**  
DETERGENCY: **Strong**  
TOXICITY: **Non Toxic**  
WETTING ABILITY: **Excellent**  
STORAGE STABILITY: **3 Years+**  
COLD STABILITY: **26° 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**

## Common Uses

Waste Hauler Wash and Wax is a super concentrated industrial cleaner, disinfectant, deodorizer, viracide, degreaser and wax. Its uses are not limited to waster hauler trucks. Other uses include:

### Cleaning Uses

Spray in dumpsters to remove odors instantly. Microbes continue to work for days.

Clean off equipment and flooring at dump facilities.

Cargo ships

Slaughter houses

Street cleaning equipment

Processing area wash down

Mowing Equipment

## 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:** Waste Hauler 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 Waste Hauler W&W: SAE 1020 carbon steel = 0.00 mmpy

**Conclusion:** Waste Hauler Wash and Wax is NON-CORROSIVE

## 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) found to be NON-TOXIC

**Mutagenicity Limits: OECD Guidelines Sec. 471 Chemicals**  
Waste Hauler Wash and 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.

Waste Hauler Wash and Wax received a Primary Irritation Score of .3 +/-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 Waste Hauler Wash and Wax was found to be 100% Biodegradable

COD = **Low Detectable Limits**

BOD = **No Detectable Limits**

## 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, A3, A4, A8, C1

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