



# AGRESOL TRUCK WASH

**Agresol Truck Wash** is a biodegradable and economical product for cleaning agricultural and construction equipment as well as all types of vehicles. **Agresol Truck Wash** is a safe product that will remove grease, oil, carbon, and bugs from all types of surfaces.

## FEATURES & BENEFITS

- **POWERFUL CLEANING ACTION**  
Quickly removes dirt and oily soil from both painted and unpainted surfaces
- **ECONOMICAL**  
Cost effective
- **HARD WATER TOLERANT**  
Cleans well in hard and soft water
- **VERSATILE**  
Cleans vehicles, equipment and shop floors
- **FREE RINSING**  
Leaves no residue after rinsing



## DIRECTIONS

**Pressure Washing:** When pressure washing, use a chemical injector that dilutes **Agresol Truck Wash** at a ratio of 1:10 to 1:30.

**Temperature:** **Agresol Truck Wash** will remove soil at all temperatures. **However higher temperatures will greatly improve performance.**

**For Best Results:** Apply at high temperatures (140° - 160°F) and high pressure (above 600 psi), to a dry surface. Always rinse with high-pressure water.

1. Spray the diluted **Agresol Truck Wash** on the surface to be cleaned, working from bottom to top to avoid streaking.
2. Rinse thoroughly with high-pressure water, working from top to bottom.
3. Hold pressure nozzle 12" from vehicle or equipment surface

**General Cleaning:** **Agresol Truck Wash** can be used with a bucket and brush for cleaning floors, walls, vehicles and concrete surfaces. Dilute **Agresol Truck Wash** with water at a ratio of 1:10 to 1:30, depending on soil level. Rinse thoroughly with clean water.

**NOTE:** See reverse side for MSDS information and General Cautions for Use

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# MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

## SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION

**Identity (As Used on Label and List):** Agresol Truck Wash (AGR110)  
**Product Class:** Water-based cleaner  
**Emergency Telephone Number:** 800-535-5053 (INFOTRAC)  
**Telephone Number for Information:** 763-509-7937  
**Manufacturer's Name and Address:**  
Ver-tech Labs  
6801 Bleck Drive  
Rockford, MN 55373

## SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

### Hazardous Components (Specific Chemical Identity):

Chemical	Common Name(s)
A	2-Butoxy ethanol CAS #6834-92-0
B	Sodium Tripolyphosphate CAS #7758-29-4
C	Trisodium Phosphate Dodecahydrate CAS #10101-89-0
D	Water CAS #7732-18-5

## SECTION III - HAZARDS IDENTIFICATION

### Emergency Overview

**Appearance and Odor:** Yellow liquid, Mild odor

**Primary Hazards:** Irritant

### Potential Health Hazards

**Route(s) of Entry:** Skin Absorption: X Ingestion: X Inhalation: X  
**Eye:** May cause irritation on contact.

**Skin:** May cause irritation on contact. 2-Butoxy ethanol may be absorbed through skin and redness. **Skin Contact:** Irritation. **Inhalation:** May be harmful if swallowed.

**Inhalation:** Overexposure to butyl vapors may be harmful.

**Signs and Symptoms of Exposure:** Eye Contact: Possible stinging, burning, tearing and redness. **Skin Contact:** Irritation. **Inhalation:** Overexposure to 2-Butoxy ethanol (butyl) vapors may cause central nervous system effects including drowsiness, headache, nausea and dizziness.

**Carcinogenicity:** NTP? No IARC Monographs? No

**OSHA Regulated?** No

**Target Organ(s):** Eyes, skin, liver, kidneys, spleen, lymphoid system, respiratory system and blood.

**Medical Conditions Generally Aggravated by Exposure:** Pre-existing abnormalities of blood, liver and kidneys.

**Health Hazards, Chronic:** Overexposure to 2-Butoxy ethanol may cause damage to one or more of the target organs listed above.

## SECTION IV - FIRST AID MEASURES

### Emergency and First Aid Procedures:

**For Eye Contact:** Immediately flush eyes with sanitary eye wash solution or running water for at least 15 minutes. Obtain medical attention. Continue to flush eyes until medical attention arrives. **If Swallowed:** Drink two glasses of water and immediately call a physician. **For Skin Contact:** Flush thoroughly with cool water. Remove and wash contaminated clothing before reuse. Never give anything by mouth to an unconscious person. **For Overexposure to Vapors:** Remove victim to fresh air, keep warm, quiet and contact a physician.

**Sources Used:** Raw material data, general toxicology from the trade for similar products.

## SECTION V - FIRE FIGHTING MEASURES

**Flammability:** No **Autoignition Temperature:** N. Ap.

**Flash Point (method used):** None

**Flammable Limits:** N. Ap.

LEL

UEL

**Extinguishing Media:** N. Ap.

Water?

Foam?

Water Fog?

Alcohol Foam?

CO<sub>2</sub>?

Dry Chemical?

Vaporizing Liquid?

Other?

**Special Fire Fighting Procedures:** N. Ap.

**Unusual Fire and Explosion Hazards:** N. Av.

**TDG Flammability Classification:** Non-flammable

**Sensitivity to Mechanical Impact:** None

**Sensitivity to Static Discharge:** None

## SECTION VI - ACCIDENTAL RELEASE MEASURES

### Steps to be taken in Case Material is Released or Spilled:

Dike and contain spill with inert material (sand, earth, etc). Collect spill with mop, absorbent material (example: floor-dri) or vacuum. Thoroughly rinse affected area with water.

## SECTION VII - HANDLING AND STORAGE

### Precautions to be taken in Handling and Storing:

Normal care in handling and storage.

**Other Precautions:** Keep out of reach of children. Keep from freezing.

## SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

**Respiratory Protection (Specify Types):** Not required where ventilation is sufficient to maintain 2-Butoxy ethanol vapor level below listed TLV. Use NIOSH/MSHA approved organic vapor respirator in areas where vapor level exceeds TLV.

**Ventilation:** Local Exhaust: Not required **Special:** Not required

**Mechanical (General):** As required to keep vapor levels below TLV & PEL, listed in Section XI. **Other:** Not required

**Protective Gloves:** Natural rubber or synthetic.

**Eye Protection:** Approved safety goggles or shield. **Footwear:** N. Ap..

**Other Protective Clothing or Equipment:** Not required

**Work/Hygienic Practices:** Do not contaminate food or beverages with cleaning chemicals.

## SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

**Boiling Point:** Approximately 212°F

**pH:** < 12

**Specific Gravity (H<sub>2</sub>O) = 1:** 1.05

**% Volatile:** 60 - 100

**Vapor Density (Air = 1):** > 1

**Odor Threshold:** N. Av.

**Evaporation Rate (Butyl Acetate = 1):** N. Av.

**Oil/Water Distribution Coefficient:** N. Av.

**Solubility in Water:** Complete

**Vapor Pressure (MM HG):** N. Av.

**Melting Point:** N. Ap.

## SECTION X - STABILITY AND REACTIVITY

**Stability:** Unstable: Stable: X

**Conditions to Avoid:** N. Ap.

**Incompatibility (materials to avoid):** N. Av.

**Hazardous Decomposition or By-products:** N. Av.

**Hazardous Polymerization:** May occur: Will not occur: X

**Conditions to Avoid:** N. Ap.

## SECTION XI - TOXICOLOGICAL INFORMATION

Chemical	OSHA PEL	ACGIH TLV	Recom.	LD50	LC50
A	25 ppm (skin)	25 ppm (skin)	25 ppm (skin)	1.48 g/kg (rat, oral)	N. Av.
B	N. Ap.	N. Ap.	N. Av.	5,400 mg/kg (rat, oral)	.39 mg/l (rat,4H)
C	N. Av.	N. Av.	N. Av.	6,500mg/kg (rat, oral)	N. Av.
D	None	None	N. Av.	N. Av.	N. Av.

**Teratogen, Mutagen, Reproductive Toxin Status:** No data with known relevance to humans.

**Toxicologically Synergistic Products:** N. Av.

## SECTION XII - ECOLOGICAL INFORMATION

**Ecotoxicological Information:** N. Av.

**Chemical Fate Information:** N. Av.

## SECTION XIII - DISPOSAL CONSIDERATIONS

### Waste Disposal Method:

Dispose of spilled material in accordance with local, state and federal regulations. Waste from normal cleaning procedures may be sewer, depending on the materials and/or contaminants being cleaned as well as state, federal and local sewer commission regulations.

**RCRA Hazard Class:** None

## SECTION XIV - TRANSPORT INFORMATION

**Shipping Classification:** Compound, cleaning liquid, N.O.I.

**UN Number:** N. Ap.

**Packing Group:** N. Ap.

## SECTION XV - PREPARATION DATA

**Prepared By:** Health and Safety Department

**Telephone Number:** 763-509-7937

**Date:** 10-11-2007

## SECTION XVI - REGULATORY INFORMATION

### US Federal Regulations

**TSCA Status:** All ingredients listed.

**CERCLA Reportable Quality:** 5,000 lbs. for Trisodium Phosphate

### SARA Title III

**Section 302 Extremely Hazardous Chemicals:** None

**Section 311/312 Hazard Category:** Immediate health, chronic health

**Section 313 Toxic Chemicals:** Glycol ether

## SECTION XVII - OTHER INFORMATION

None

N. Ap. - Not Applicable; N. Av. - Not Available

## NFPA SYSTEM

1 A. Health Hazard 0 A. Fire Hazard 0 A. Reactivity Hazard

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