

Brushless Transportation Cleaner

Product Description

Brushless Transportation Cleaner is a powerful, neutral, all-purpose concentrated cleaner for chemically removing all types of road soils from transportation equipment without the need for heavy brushing. Provides superior cleaning action with excellent streak free rinsing to leave a bright, clean surface. **Brushless Transportation Cleaner** is non-toxic, non-corrosive, non-flammable, odorless, and biodegradable. **Brushless Transportation Cleaner** is completely safe to use on all painted or finished surfaces, including plastic and aluminum, or any surfaces that will tolerate cleaning with water.

Directions For Use

Dilute **Brushless Transportation Cleaner** with hot or cold water for use. Apply by pressure sprayer, foamer, drive through washer or apply manually. Allow the cleaner to remain on the surface for a minute to solubilize and release the soil. Rinse with either hot or cold high pressure rinse to remove the remaining soils, to leave the surface clean and bright. Always use enough cleaner to rapidly remove the soil.

Dilutions:

Light Duty Cleaning: 1 to 3 ounces per gallon (1:128 to 1:43)

General Purpose Cleaning: 4 to 6 ounces per gallon (1:32 to 1:21)

Heavy Duty Cleaning: 7 to 10 ounces per gallon (1:18 to 1:13)

Specifications

<i>Odor</i>	Mild Detergent
<i>Appearance</i>	Clear Liquid
<i>pH</i>	10.0 (approx.)
<i>Specific Gravity</i>	(H ² O=1) 1.075 ± 0.005
<i>Foaming</i>	Copious
<i>Flash Point</i>	None
<i>Solubility in Water</i>	Complete

Cautions

CAUTION: Keep out of the reach of children. As with all chemicals, avoid eye and skin contact. Wear rubber gloves and eye protection. Wash thoroughly when done handling or using this product.

EMERGENCY FIRST AID:

EYES: Mild eye irritant. Rinse for 15 minutes with potable water. If irritation persists, seek medical attention.

SKIN: Rinse thoroughly with soap and water. If irritation develops, seek medical attention. **INGESTION:** Drink plenty of water and seek immediate medical attention. Ingestion in quantities can cause severe diarrhea.

Visit us at www.progressivesystemsinc.com

MATERIAL SAFETY DATA SHEET
(Prepared According to 29 CFR 1910.1200)

SECTION 1: PRODUCT IDENTIFICATION

Distributor: Progressive Systems Inc.	Emergency Phone Number: (302) 732-3321
Address: P.O. Box 35 - 25 Hickory Street Frankford, Delaware 19945	
Trade Name: Brushless Transportation Cleaner	Product Type: Brushless truck and car wash.

SECTION 2: HAZARDOUS INGREDIENTS

CHEMICAL NAME / COMMON NAME	C.A.S. NUMBER	PERCENT (OPTIONAL)	TLV
None. Proprietary blend of detergents and builders.			Not Determined

SARA HAZARD TITLE III, SECTION 323: Contains the starred (*) ingredients at the indicated percentages.
Other ingredients in this product are: Less than 1.0 % by weight or 0.1% for carcinogens Not Hazardous Declared to be Trade Secret

SECTION 3: PHYSICAL DATA

Boiling Point (°F): 212	Specific Gravity (H2O = 1): 1.075 ± 0.005	pH: 10.0 (approx.)
Vapor Pressure (mm Hg): Not determined	Vapor Density (air = 1): Not determined	
Solubility in water: <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Insoluble <input type="checkbox"/> Emulsifiable (or Dispersible) <input type="checkbox"/> Slight (or Partial)		
Evaporation Rate (vs. Water): <input type="checkbox"/> Faster <input type="checkbox"/> Slower <input checked="" type="checkbox"/> About the same		
Appearance and Odor: Clear Liquid. Mild detergent odor.		

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

Flash Point (T.C.C.) °F: None	Flammable Limits: Upper - Not Established Lower - Not Established
Extinguishing Media: As appropriate for surrounding fire. CO ² , Dry Chemical Foam, Water Spray. Water spray to cool drums and prevent rupture.	
Special Firefighting Procedures: Do not enter confined fire spaces without appropriate protective gear and self-contained air supply.	
Unusual Fire or Explosion Hazards: None.	

SECTION 5: STABILITY AND REACTIVITY DATA

Stability: Product is stable.	Polymerization: Will not occur
Hazardous Decomposition Products: None known	Incompatibility: Strong oxidizers, acids.

SECTION 6: HEALTH HAZARDS

Primary Routes of Exposure: <input checked="" type="checkbox"/> Eye <input checked="" type="checkbox"/> Skin <input checked="" type="checkbox"/> Oral <input type="checkbox"/> Inhalation <input type="checkbox"/> Other
Signs and Symptoms of Over exposure (Acute): Eyes: Some tissue irritation, blurred vision. Skin: Some tissue irritation, some redness. Ingestion: Pain and gastro-intestinal distress. Vomiting may occur. Inhalation: Do not concentrate and inhale vapors. None from vapors or mist with proper ventilation. May cause nose and throat irritation.
Signs and symptoms of overexposure (Chronic): None known Medical Conditions Aggravated by Overexposure: None known

SECTION 7: EMERGENCY AND FIRST AID PROCEDURES

Eyes: Flush immediately with water for at least 15 minutes. Call a physician.	Skin: Flush immediately with water for at least 15 minutes. Call a physician.
Ingestion: Have person sip a glass of water. Do not induce vomiting. If vomiting occurs, keep head below hips to avoid aspiration. Never give anything by mouth to an unconscious person. Seek medical attention.	
Inhalation: Remove exposed person to fresh air. Treat symptomatically.	

SECTION 8: SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not needed under normal conditions of use. Eye Protection: Safety Glasses/Goggles Protective Gloves: Rubber/Latex gloves.
Ventilation Requirements: <input checked="" type="checkbox"/> Local Exhaust <input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> Room Ventilation is adequate.

SECTION 9: SPILL OR LEAK PROCEDURES

Steps to be Taken if Released or Spilled: Pick up with proper absorbent. For large spills, contain spill, then pick up with proper absorbent, mop, or wet-vac. Wash residue to sewer. Surfactants are biodegradable. **Waste Disposal Method:** Dispose of in accordance with Federal, State and Local ordinances.

SECTION 10: STORAGE AND HANDLING INFORMATION

Precautions to be Taken in Handling and Storage: Do not get in eyes, on skin or clothing. Do not mix with other chemicals. Use with adequate ventilation. Wash thoroughly after handling. Avoid breathing mists or vapors. Keep container closed. Store in a cool, dry place away from strong oxidizers or alkalis.

The health hazards given on the Material Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure to the product under normal condition of use.

Date Prepared: 2/27/2013

Supersedes: None

Code: Brushless Transportation Cleaner