



# Product Application & Results

1997 American Blvd. • P.O. Box 5606 • De Pere, WI 54115-5606 • 920-337-2175 • Fax: 920-337-9410

## PRODUCT:

**TransClean®**

**STOCK # 621201**

## Description:

A cost-effective, alkaline, liquid presoak for both low and high-pressure detergent applications. Ideal product to use for cleaning transportation vehicles, including trucks & trailers, busses, trains, and other industrial equipment including construction and agricultural machinery.

**Color:** Fluorescent Yellow

**Scent:** Mild

**Foaming Ability:** Low

## Features:

**Titratable**

**Biodegradable**

**Cost Effective**

**\*USDA Accepted**

## Benefits:

- = Quickly determine dilution ratios
- = Acceptable to waste water treatment.
- = Excellent cleaning capabilities with a lower cost/container in comparison to many alternative products.
- = Approved for use in Meat and Poultry Plants in non-surface contact applications.

## Guideline for Application:

### **Water Quality:**

Use SOFT WATER for best performance. In hard water (over 0 grains of hardness) increase strength by 10% for each grain of water hardness (1:60 +10% = 1:54). Trying to clean in frictionless systems with water over 2 grains of hardness is not recommended.

### **Solution Temperature:**

Summer: 70 - 90°F (21 - 32°C), Winter: 90 - 140°F (32 - 60°C). Peak performance is when the temperature of the diluted solution on the vehicle surface is between 100 - 110°F (38 - 43°C). In wintertime or cooler periods, run hotter water due to the colder vehicle surface temperatures. In summer, cooler water is better suited to optimize performance of TransClean®.

### **Surface Preparation:**

For best results, apply to a dry vehicle. In automated system, use prep guns only to remove excessive mud, ice, snow, or bugs. If vehicles are extremely hot, cool down vehicle surface temperature with prepguns or cool-down arch, but ALWAYS using water containing a small amount of TransClean® to begin the cleaning process.

### **Dwell Time:**

Recommend from 15 to 25 seconds between application and high-pressure rinse. Decrease dwell time if vehicles are hot to avoid increasing the product concentration through evaporation of the water.



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## Guideline for Application (Continued):

**Economy:**

Adjust dilution ration to suit conditions, increasing concentration only to achieve desired cleaning. Chemical volume can also be reduced by using alternative nozzle sizes.

**SPECIAL INSTRUCTIONS:**

Aluminum rails on trailers use TransClean® at 1:5 to 1:10. Apply to aluminum area ONLY. Light agitation maybe required. Let stand for 60 seconds, thoroughly rinse with water.

Removal of old paint and heavy soils - TransClean® at 1:5 – 1:20 can effectively remove old paint, stains, and grease. Ideal for cleaning surfaces that are going to be re-painted.

## Application:

TransClean® can be applied using multiple methods, including through a pressure washer, hand held pump sprayer, or with a bucket and brush.

	<u>Dilution Ratios</u>		
	<u>Hot Water</u>	<u>Cold Water</u>	<u>Hard Water</u> (2-10 grains/gal.)
<b>PRESSURE WASHER / HAND HELD SPRAYER</b>			
- Heavy Soils	1:40 – 1:60	1:30 – 1:50	+10%
- Moderate Soils	1:60 – 1:80	1:40 – 1:60	+10%
- Light Soils	1:70 – 1:80	1:50 – 1:70	+10%
<b>BUCKET &amp; BRUSH</b>			
- Heavy Soils	1:70 – 1:90	1:60 – 1:70	+10%
- Moderate Soils	1:90 – 1:100	1:80 – 1:90	+10%
- Light Soils	1:110 – 1:120	1:90 – 1:100	+10%

## TransClean® Titration Chart

The chart below uses the STANDARD ALKALINE TITRANT. A water blank must be titrated to subtract from your unknown sample before comparing to the curve

<u>Dilution</u>	<u>Drops of Titrant</u>
1:30	38
1:40	28
1:50	23
1:60	19
1:70	17
1:80	15
1:100	12
1:125	10
1:150	8

