



Product Application & Results

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PRODUCT: **Triumph®** **Stock # 1241**

Description: High alkaline, concentrated liquid presoak and high pressure detergent. Designed for frictionless systems, but also aids cleaning in hybrid and friction systems. Formulated for use as a second step in a double alkaline or acid / alkaline two step system. A highly effective surfactant and solvent system for maximum cleaning.

Color: Blue

Scent: Butyl Solvent

Foaming Ability: Moderate to High

| Features | = | Benefits |
|------------------|---|---|
| Titratable | = | Quickly determine dilution |
| Biodegradable | = | Acceptable to waste water treatment. |
| Good Foam | = | Good coverage, nice presentation. |
| Highly Effective | = | Excellent removal of dirt, oils, and road film. |
| Economical | = | Cost Effective |

| <u>Application</u> | | <u>Dilution Ratios</u> | | |
|---|-------------------------|-------------------------------|-----------------------|--|
| <u>Frictionless Systems</u> | <u>Strongest</u> | <u>Weakest</u> | <u>Average</u> | |
| High Pressure cleaning & Prep Guns | 1:250 | 1:500 | 1:350 | |
| Foam or Spray - Low-pressure presoak | 1:40 | 1:70 | 1:50 | |
| <u>Friction & Hybrid Systems</u> | <u>Strongest</u> | <u>Weakest</u> | <u>Average</u> | |
| High Pressure cleaning & Prep Guns | 1:250 | 1:500 | 1:350 | |
| Foam or Spray - Low-pressure presoak | 1:150 | 1:200 | 1:160 | |

Adjust for the desired effect with the best economy. Do not use stronger than 30:1 to prevent blushing of aluminum and streaking oxidized paint.

Guidelines for Application

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

Solution Temperatures: Summer: 70-90°F, Winter: 90-140°F. This product works at peak performance when the temperature of the diluted solution on the vehicle surface is between 120-140°F.

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Guidelines for Application (continued)

Surface Preparation: For best results, apply to a dry vehicle. Use prep-guns only to remove excessive mud, ice, snow or bugs. If vehicles are extremely hot, cool down the surface area with prep-guns or cool-down arch, but always use water containing small amounts of this product (200:1 to 400:1) to begin the cleaning process.

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

Economy: Reduce volume through alternative nozzling, equipment changes. Do not over-heat dilution water as it wastes energy and can decrease product effectiveness.

Special Instructions: Solvent in product requires use of Viton support equipment

Alternative Products

Use **The One Step® NC²™**

| Titration Chart For Triumph® | | |
|---|-----------------|--------------|
| This chart uses the "Standard Alkaline Titrant" and a water blank must be titrated to subtract from your total drops before comparing to the curve. | Dilution | Drops |
| | 1:30 | 38 |
| | 1:35 | 33 |
| | 1:40 | 28 |
| | 1:50 | 23 |
| | 1:60 | 19 |
| | 1:70 | 15 |
| | 1:80 | 11 |