



# Product Application & Results

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**PRODUCT:** Clear Solutions™ Drum Pack **Stock #** 1030

**Description:** Mild alkaline powdered detergent for presoak applications and high pressure cleaning. Easy mixing and totally soluble. Very good at removal of dirt and road film. Easy rinsing. Low cost per car.

**Color:** Green Powder

**Scent:** None

**Foaming Ability:** Low

| <b><u>Features</u></b> | = | <b><u>Benefits</u></b>                            |
|------------------------|---|---|
| Titratable             | = | Quickly determine dilution ratio.                 |
| No Fillers             | = | Low cost per car.                                 |
| Totally Dissolves      | = | Mixes easily, easy on pumps and metering devices. |

## **Application**

## **Dilution Ratios**

|                                     | <b><u>Strongest</u></b> | <b><u>Weakest</u></b> | <b><u>Average</u></b> | <b><u>Tips</u></b> |
|-------------------------------------|-------------------------|-----------------------|-----------------------|--------------------|
| High pressure cleaning & Prep Guns: | 1:100                   | 1:300                 | 1:200                 | Blue or Tan        |
| Low Pressure Presoak                | 1:20                    | 1:40                  | 1:30                  | Tan or Green       |
| Bumper Prep                         | 1:10                    | 1:20                  | 1:15                  | Red                |
| Cool-down Arch                      | 1:200                   | 1:300                 | 1:250                 | Pink               |

Bag-in-box: Dissolve contents from three bags in 40 gallons of warm water and dilute to 55-gallons. Bulk Package: Dissolve one 5 gallon pail full of the product in 40 gallons of warm water then dilute to 55 gallons. CSI Drum Mixer: Empty the contents of ONE bag or 1/3 of a 5 gallon pail into the mixer and press buttons to start fill and mix cycles.

## **Guidelines for Application**

**Water Quality:** Use soft water whenever possible. In hard water increase strength by 10% for each additional grain of water hardness.

**Solution Temperatures:** Summer: 70-90°F, Winter: 90-140°F.

**Dwell time:** 15-25 seconds.

**Economy:** 15-25 seconds. Adjust dilution ratio to suit conditions. Reduce volume through alternative nozzle selection, equipment changes.

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**Alternative Products**

**Clear Solutions™ Flow Pack** Free flowing powdered presoak for auger and basket systems.

**The Option®** is a low cost liquid alkaline presoak.

**One Step Plus™** Liquid alkaline presoak with buffers for hot weather protection.

**Advantage® or Performix®** Premium liquid alkaline presoaks with reclaim settling abilities.

**Resolution™** Liquid Alkaline Presoak for friction systems using hard water.

| <b>Titration Chart For Clear Solutions™ Drum Pack</b>   |                 |              |
|---|-----------------|--------------|
| 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. | <b>Dilution</b> | <b>Drops</b> |
|   | 1:8             | 82           |
|   | 1:10            | 66           |
|   | 1:15            | 44           |
|   | 1:20            | 33           |
|   | 1:30            | 22           |
|   | 1:40            | 17           |
|   | 1:50            | 13           |
|   | 1:60            | 11           |
|   | 1:80            | 8            |
|   | 1:100           | 7            |