The Professional’s Guide to Increasing Productivity Using Legend Brands Cleaning Systems

This guide will help you increase your productivity by showing how to adapt your cleaning chemistry to the soil load in the carpet fiber, upholstery, and tile and grout.

By increasing productivity you become more profitable on each and every job.

As with any cleaning, you should always pretest your products on an inconspicuous area of the items being cleaned.

FOR THE MOST COMPLETE CLEANING, ALWAYS FOLLOW THESE STEPS:

– Pre-inspect all areas to be cleaned and communicate with the customer
– Prespray areas to be cleaned
– Agitate prespray into surface (the use of an electrical agitation device such as the Procaps Low-Moisture Cleaning Machine will increase the amount of suspended soil)
– Extract, neutralize and rinse all areas

CLEANING WITH CONFIDENCE: New video series
Follow Legend Brands on YouTube for our latest training videos
## Residential Carpet Cleaning

### Light Soil

**PRESPRAY:**
- **UltraPac TLC** (S711 or S712) 9.5-9.8
- **UltraPac TLC** (S711 or S712) 9.5-9.8

**EXTRACTION:**
- All Fiber Deep Clean 5.2-5.8
- All Fiber Deep Clean 5.2-5.8

**PRESPRAY:** Add together the following:
- **UltraPac TLC** (S711 or S712) 9.5-9.8
- **Biosolv Booster Additive**

**EXTRACTION:**
- All Fiber Deep Clean 5.2-5.8
- All Fiber Deep Clean 5.2-5.8

### Medium Soil

**PRESPRAY:**
- **UltraPac TLC** (S711 or S712) 9.5-9.8
- **Biosolv Booster Additive**

**EXTRACTION:**
- All Fiber Deep Clean 5.2-5.8
- All Fiber Deep Clean 5.2-5.8

**PRESPRAY:** Add together the following:
- **UltraPac TLC** (S711 or S712) 9.5-9.8
- **Biosolv Booster Additive**
- **Energizer**

**EXTRACTION:**
- All Fiber Deep Clean 5.2-5.8
- All Fiber Deep Clean 5.2-5.8

### Heavy Soil

**PRESPRAY:**
- **UltraPac TLC** (S711 or S712) 9.5-9.8
- **Biosolv Booster Additive**
- **Energizer**

**EXTRACTION:**
- All Fiber Deep Clean 5.2-5.8
- All Fiber Deep Clean 5.2-5.8

### RTU pH

**Inline Injection Sprayer:**
- Mix 1.5 qt. (1.4 L) into the 5 qt. (4.7 L) container and fill with water.
- **Electric or Pump-up Sprayer:**
  - Mix 6 oz. (177 mL) per gal. (3.8 L) of water.

**Truckmount:**
- Mix 1 qt. (0.9 L) per 5 gal. (18.9 L) of water and extract.

**Portable Extractor:**
- Mix 2 oz. (59 mL) per gal. (3.8 L) of water and extract.
OLEFIN (POLYPROPYLENE) OR COMMERCIAL CARPET

PRESPRAY:  
**UltraPac Extreme**  
**Or Use**  
**Fission**  
RTU pH:  
11.3-12.3  

**Inline Injection Sprayer:**  
Mix 8 scoops in 5 qt. (4.7 L) container (using provided scoop).  

**Electric or Pump-up Sprayer:**  
Mix 1.5 qt. (1.4 L) into the 5 qt. (4.7 L) container.  

**Precise 100 Sprayer:**  
Mix 1 scoop per gal. (3.8 L) of water (using provided scoop).  

**Biosolv Booster Additive**  
Add 2 oz. (59 mL) per gal. (3.8 L) of water.  

EXTRACTION:  
**All Fiber Deep Clean**  
5.2-5.8  

**Portable Extractor:**  
Mix 2 oz. (59 mL) per gal. (3.8 L) of water and extract.  

**Truckmount:**  
Mix 1 qt. (0.9 L) per 5 gal. (18.9 L) of water and extract.  

PRESPRAY:  **Add together the following:**  
**UltraPac Extreme**  
**Or Use**  
**Fission**  
**Biosolv Booster Additive**  
RTU pH:  
11.3-12.3  

**Inline Injection Sprayer:**  
Mix 8 scoops in 5 qt. (4.7 L) container (using provided scoop).  

**Electric or Pump-up Sprayer:**  
Mix 1.5 qt. (1.4 L) into the 5 qt. (4.7 L) container.  

**Precise 100 Sprayer:**  
Mix 1 scoop per gal. (3.8 L) of water (using provided scoop).  

**Biosolv Booster Additive**  
Add 2 oz. (59 mL) per gal. (3.8 L) of water.  

**Energizer**  
Add 2 oz. (2 scoops) into container.  

EXTRACTION:  
**All Fiber Deep Clean**  
5.2-5.8  

**Portable Extractor:**  
Mix 2 oz. (59 mL) per gal. (3.8 L) of water and extract.  

**Truckmount:**  
Mix 1 qt. (0.9 L) per 5 gal. (18.9 L) of water and extract.  

PRESPRAY:  **Add together the following:**  
**UltraPac Extreme**  
**Or Use**  
**Fission**  
**Biosolv Booster Additive**  
**Energizer**  
RTU pH:  
11.3-12.3  

**Inline Injection Sprayer:**  
Mix 8 scoops in 5 qt. (4.7 L) container (using provided scoop).  

**Electric or Pump-up Sprayer:**  
Mix 1.5 qt. (1.4 L) into the 5 qt. (4.7 L) container.  

**Precise 100 Sprayer:**  
Mix 1 scoop per gal. (3.8 L) of water (using provided scoop).  

**Biosolv Booster Additive**  
Add 1 oz. (30 mL) per gal. (3.8 L) of water.  

**Energizer**  
Add 1 oz. (1 scoop) into container.  

EXTRACTION:  
**All Fiber Deep Clean**  
5.2-5.8  

**Portable Extractor:**  
Mix 2 oz. (59 mL) per gal. (3.8 L) of water and extract.  

**Truckmount:**  
Mix 1 qt. (0.9 L) per 5 gal. (18.9 L) of water and extract.  

*The use of additives is neither necessary nor recommended with UltraPac Extreme.*
### Restaurant Grease & Heavy Food Soils

**Prespray:** Add together the following:

<table>
<thead>
<tr>
<th>Inline Injection Sprayer:</th>
<th>Electric or Pump-up Sprayer:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Power Burst</strong> 11.3-11.8</td>
<td><strong>Mix 4 oz. (2 scoops) per gal. (3.8 L) of hot water.</strong></td>
</tr>
<tr>
<td><strong>Biosolv Booster Additive</strong></td>
<td><strong>Add 2 oz. (59 mL) into container.</strong></td>
</tr>
<tr>
<td><strong>Energizer</strong></td>
<td><strong>Add 1 oz. (1 scoop) into container.</strong></td>
</tr>
<tr>
<td><strong>Mix 12 oz. (6 scoops) with 5 qt. (4.7 L) of hot water.</strong></td>
<td><strong>Mix 4 oz. (118 mL) per gal. (3.8 L) of water.</strong></td>
</tr>
<tr>
<td><strong>Add 8 oz. (237 mL) into container.</strong></td>
<td><strong>Add 1 oz. (30 mL) per gal. (3.8 L) of water.</strong></td>
</tr>
<tr>
<td><strong>Add 2 oz. (2 scoops) into container.</strong></td>
<td><strong>Add 1 oz. (1 scoop) into container.</strong></td>
</tr>
</tbody>
</table>

**EXTRACTION:**

- **Truckmount:** Mix 1.5 lbs. (3 cups) into 5 gal. (18.9 L) of warm water.
- **Portable Extractor:** Mix 2 oz. (59 mL) into 5 gal. (18.9 L) of hot water.

### Property Management / Apartments

**Prespray:** Add together the following:

<table>
<thead>
<tr>
<th>Inline Injection Sprayer:</th>
<th>Electric or Pump-up Sprayer:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Heavy Artillery</strong> 11.9-12.4</td>
<td><strong>Mix 16 oz. (.47 L) per gal. (3.8 L) of water.</strong></td>
</tr>
<tr>
<td><strong>Or Use Fission</strong></td>
<td><strong>Mix 4 oz. (118 mL) per gal. (3.8 L) of water.</strong></td>
</tr>
<tr>
<td><strong>Biosolv Booster Additive</strong></td>
<td><strong>Add 1 oz. (30 mL) per gal. (3.8 L) of water.</strong></td>
</tr>
<tr>
<td><strong>Energizer</strong></td>
<td><strong>Add 1 oz. (1 scoop) into container.</strong></td>
</tr>
<tr>
<td><strong>Mix 1.5 qt. (1.4 L) into the 5 qt. (4.7 L) container.</strong></td>
<td><strong>Mix 4 oz. (118 mL) per gal. (3.8 L) of water.</strong></td>
</tr>
<tr>
<td><strong>Add 2 oz. (59 mL) per gal. (3.8 L) of water.</strong></td>
<td><strong>Add 1 oz. (30 mL) per gal. (3.8 L) of water.</strong></td>
</tr>
<tr>
<td><strong>Add 2 oz. (2 scoops) into container.</strong></td>
<td><strong>Add 1 oz. (1 scoop) into container.</strong></td>
</tr>
</tbody>
</table>

**EXTRACTION:**

- **Truckmount:** Mix 1 qt. (0.9 L) per 5 gal. (18.9 L) of water and extract.
- **Portable Extractor:** Mix 2 oz. (59 mL) per gal. (3.8 L) of water and extract.
Identifying the fiber content is critical for determining the proper upholstery cleaning method and the correct chemistry.

**TWO MAIN CATEGORIES OF FIBER AND GENERAL CLEANING PROCESSES:**

- Natural fibers (e.g., cotton and wool) – clean using a controlled pH and lower moisture
- Synthetic fibers (e.g., acrylic, nylon, olefin and polyester) – clean using higher pH and more moisture

**UPHOLSTERY CLEANING PROCESS:**

1. Identify the material
2. Prespray and agitate
3. Rinse and extract

### Natural Fibers

<table>
<thead>
<tr>
<th>Prespray</th>
<th>RTU pH</th>
<th>Extraction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fast Dry Uphol. Shampoo</td>
<td>7.8</td>
<td>All Fiber Textile Rinse 3.6</td>
</tr>
</tbody>
</table>

**In a Bucket:**
- Mix 12-16 oz. (.35-.47 L) per gal. (3.8 L) of water.
- Whip shampoo into a very dry foam.
- Using a sponge, clean white absorbent towel or specially designed upholstery cleaning brush, apply foam onto the fabric and agitate with a soft horsehair brush.

**Truckmount:**
- Mix 1 qt. (0.9 L) per 5 gal. (18.9 L) of water and extract.

**Portable Extractor:**
- Mix 1 oz. (29 mL) per gal. (3.8 L) of water and extract.

### Synthetic Fibers

<table>
<thead>
<tr>
<th>Prespray</th>
<th>RTU pH</th>
<th>Extraction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upholstery Prespray or Use Heavy Duty Soil Lifter</td>
<td></td>
<td>All Fiber Textile Rinse 3.6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>All Fiber Textile Rinse 3.6</td>
</tr>
</tbody>
</table>

**In a Bucket:**
- Use undiluted.
- Use undiluted.
- Apply the prespray to the fiber and agitate with a soft brush.

**Truckmount:**
- Mix 1 qt. (0.9 L) per 5 gal. (18.9 L) of water and extract.

**Portable Extractor:**
- Mix 1 oz. (29 mL) per gal. (3.8 L) of water and extract.

### Prespray: Add together the following:

<table>
<thead>
<tr>
<th>Prespray</th>
<th>RTU pH</th>
<th>Extraction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upholstery Prespray or Use Heavy Duty Soil Lifter Biosolv Booster Additive Energizer</td>
<td></td>
<td>All Fiber Textile Rinse 5.2-5.8</td>
</tr>
<tr>
<td></td>
<td></td>
<td>All Fiber Textile Rinse 5.2-5.8</td>
</tr>
</tbody>
</table>

**Inline Injection Sprayer:**
- Use undiluted.
- Use undiluted.
- Mix 1 oz. (29 mL) per gal. (3.8 L) of water.
- Mix 1 oz. (1 scoop) per gal. (3.8 L) of water.
- Apply prespray to fiber and agitate with soft brush.

**Truckmount:**
- Mix 1 qt. (0.9 L) per 5 gal. (18.9 L) of water and extract.

**Portable Extractor:**
- Mix 1 oz. (29 mL) per gal. (3.8 L) of water and extract.
INTERIM MAINTENANCE CLEANING SYSTEM

EQUIPMENT:
Procaps Low-Moisture Encapsulation Cleaning Machine

SOLUTION:
EncapBrite

PROCESS:
• Apply a light mist of the diluted solution on the carpet.
• Agitate with the Procaps machine.
• Carpet should be dry within 45 minutes.
• Vacuum all areas cleaned once the carpet is dry.

LOW MOISTURE, ENCAPSULATION CLEANING

TILE AND GROUT CLEANING

TILE AND GROUT CLEANING IS VERY PROFITABLE!

To clean tile and grout:

SOLUTION:
Prof. Tile & Grout Cleaner
Or Use
Ultrapac Extreme

RTU pH
11.4-11.9

Injection Sprayer
— Mix 8-16 scoops into 5 qts. (4.7 L) of water.

Electric or Pump-up Sprayer
— Mix 1-2 scoops into gal. (3.8 L) of water

PROCESS:
• Apply as prespray, allow 10 minutes of dwell time, and agitate the grout lines with a grout brush.
• Rinse the floor with hard surface attachment.

Removing Stains and Hard Water Deposits:

SOLUTION:
Restoration Tile & Grout Cleaner

RTU pH
0.5-1.5

— Mix 8-32 oz. (.2-.9 L) into gal. (3.8 L) of water.

PROCESS:
• Apply as prespray or mop on, allow 10 minutes of dwell time, and agitate with brush if needed. (Avoid overspray on walls, carpet or furnishings.)
• Rinse the floor using hard surface attachments, using water or Tile & Grout Rinse.
• Seal grout as needed.
SPOT & STAIN REMOVAL SEPARATES AMATEUR CLEANERS FROM PROFESSIONALS!

If normal cleaning doesn’t remove spots and stains, then use advanced stain removal techniques. Identify the stain by asking questions: What is it? What have you done to it?

KEY TERMINOLOGY:
— A spot adds a substance to the fiber.
— A stain adds color.
— Two categories of dyes:
  ‒ NATURALLY OCCURRING, for example, coffee, red wine, etc.
  ‒ SYNTHETIC DYES, e.g., Kool-Aid®, fruit drinks and sports drinks.
— Pigments, such as paint, makeup, copier toner, paint, etc., are colors that are not dyes and have to be treated differently.

Most spots that are not dyes and pigments can be removed with normal cleaning.

ADVANCED STAIN REMOVAL TECHNIQUES:

Natural dyes (e.g., coffee and red wine):
After cleaning, apply Stain Exit (pH: 3.5) to the stained area and allow 10-15 minutes of dwell time. Stubborn stains may require multiple applications.

Synthetic dyes (e.g., Kool-Aid®, fruit juice, etc.):
After cleaning, apply Red X It (pH: 5.22) to the stained area and allow 10-15 minutes of dwell time.

Unknown stain (i.e., not known if it is natural or synthetic):
— Use the Stain Exit process first and allow normal dwell time.
— After 10-15 minutes if the stain is moving, then continue that process.
— If the stain has not moved, rinse the area to remove Stain Exit, then apply Red X It and allow 10-15 minutes of dwell time.

Dried paint stains:
Apply Paint, Oil and Grease Remover (POG) and allow adequate dwell time, then rinse and extract. Numerous applications may be required.

Makeup (e.g., lipstick, mascara, etc.):
First apply BioSolv® Booster to the stain and allow 10 minutes of dwell time. Then rinse thoroughly.

Pet stains and odors:
Just one product – Un-Duz-It Unleashed – totally eliminates odors from pet urine, feces and wet fur! Saturate affected floor area including padding and underlayment with Unleashed (pH: 9.0). After one hour of dwell time, deep extract using cold or warm tap water (not hot). Use on carpet and upholstery, plus hard porous surfaces.
BEST TOOLS OF THE TRADE

HOSS 700
Deep, powerful cleaning with NextGen glides
Delivers better cleaning, reduced dry times, labor savings and a competitive advantage. NextGen 1 glides provide the smoothest operation and NextGen 2 glides get carpets truckmount-clean when used with a portable.

JOIN LEGEND REWARDS!
This unique customer loyalty program lets you redeem points for electronics, movie DVDs, sporting goods, video games, home & garden items, tools, and much more. Watch for Legend Rewards certificates in product boxes for Prochem, Chemspec, Dri-Eaz, ProRestore, and Sapphire Scientific products to get your rewards.
www.LegendRewards.com

TRUCKMOUNT ACCESSORIES

ONBOARD WATER SOLUTIONS

SADDLE TANK, SINGLE W/PUMP 68-390
WATER POND 68-032

CDV INLINE FILTER BOX 68-134S

TITANIUM WANDS & GLIDES

14" WAND 67-081
14" ERGONOMIC WAND 67-080
12" WAND 67-082

UPHOLSTERY PRO
TOP SELLING TOOL!
Extracts in both directions for cleaner, drier results. Ergonomic swivel design ensures comfortable use for hours. CLEAR HEAD MAKES IT EASY TO SEE PROGRESS - available for truckmounts (67-019-C) or portables (67-019-P).