



innovative chemical technologies, inc.

FLEXICLEAN RTD-3

TECHNICAL DATA SHEET

- ◆ **Concentrated Polymer Dispersant And Detergent System For Carpet And Upholstery Cleaning Applications**
- ◆ **A Fully Formulated Concentrate Ready To Dilute In Water**
- ◆ **Outstanding Cleaning And Detergency Properties**
- ◆ **Protects Against Rapid Resoiling**
- ◆ **Dries To A Brittle Residue**
- ◆ **Enhances Soil Pick-Up During Vacuuming**
- ◆ **Provides Enhanced Wetting And Penetration**
- ◆ **Contains Proprietary Anti-Foaming, Anti-Soiling, And Wetting Agents**
- ◆ **Eliminates The Need For In-Tank Defoamers**
- ◆ **Improves Vacuum Efficiency (Better Soil Removal and Decreased Drying Time)**

APPLICATIONS

- ◆ **Carpet And Upholstery Spot Remover**
- ◆ **Hot Water Extraction Cleaner**
- ◆ **Traffic Lane Cleaner**
- ◆ **Carpet Pre-Spotter**
- ◆ **Spin Bonnet Shampoo**
- ◆ **Carpet Prespray**

TECHNICAL INFORMATION

Many carpet cleaning formulations are highly alkaline detergents that leave tacky, soil attracting residues on the carpet. These detergents can also remove some or all of the stain resistance built into the carpet by the manufacturer. Even though these formulations effectively clean the carpet, they may damage the carpet and cause the newly cleaned carpet to resoil rapidly. A common problem with carpet and upholstery spot cleaners is that after removing a spot or stain from the fabric, the spot comes back over the next few days or weeks, usually bigger than the original stain. This is caused by the residue left behind by the spot cleaner which now attracts oily and particulate soils. The use of Flexiclean RTD-3 in upholstery and carpet cleaning formulations eliminates these problems. The “3” in the product name denotes the level of Flexiwet NF in the formula. The Flexiwet NF provides anti-foaming and also has wetting and anti-soiling functions. These additional features will enhance the level of soil and stain protection imparted to the cleaned carpet or upholstery fabric while increasing cleaning efficiency. Eliminating the need for in-tank defoamers will reduce resoiling, improve cleaning, increase productivity, enhance machine efficiency, and decrease drying time.

DEMONSTRATION

Compare the Flexiclean RTD-3 formulation to your current cleaner as follows:

Spray a 3 inch circle of each spot cleaner on a 6 inch square of white upholstery fabric and allow to dry. Place the fabrics in a large, paper grocery bag containing 20 grams of vacuum cleaner soil and shake vigorously for 1 to 2 minutes. Remove the fabrics from the bag and vacuum off the excess dirt. Observe the dirt pattern. The spot cleaner that leaves a tacky residue will attract the soil and the circle will be dirtier than the rest of the fabric. The Flexiclean RTD-3 formulation circle will appear cleaner than the rest of the fabric.

FORMULARY

Carpet Spot Remover, Traffic Lane Cleaner, Prespray, or Spin Bonnet Shampoo

| <u>Ingredient</u> | <u>Heavy Duty</u> | <u>Regular Duty</u> | <u>Light Duty</u> |
|-------------------|-------------------|---------------------|-------------------|
| | <u>Wt %</u> | <u>Wt %</u> | <u>Wt %</u> |
| Flexiclean RTD-3 | 20.0 | 10.0 | 5.0 |
| Water | 80.0 | 90.0 | 95.0 |

pH = 8.5 to 9.5

| <u>Ingredient</u> | <u>Extraction Cleaner</u> | |
|------------------------|---------------------------|---------------------|
| | <u>Heavy Duty</u> | <u>Regular Duty</u> |
| | <u>Wt %</u> | <u>Wt %</u> |
| Flexiclean RTD-3 | 40.0 | 25.0 |
| Water | 60.0 | 75.0 |
| Dilution Rate (oz/gal) | 3 - 8 | 3 - 8 |

pH = 8.5 to 9.5

Note: Add preservative, fragrance, and dye as needed.

TYPICAL PROPERTIES

| | |
|------------------|---|
| Appearance | Clear to slightly hazy, colorless to pale yellow liquid |
| Density @ 25C | 1.02 +/- 0.02 g/ml (8.5 lbs/gal) |
| pH | 8.5 – 9.5 |
| Water Solubility | Soluble |
| Boiling Point | Approximately 100 C |
| Odor | Mild |

PACKAGING/HANDLING

Flexiclean RTD-3 is available in 275 gallon totes (Net Wt. 2250 lbs), 55 gallon drums (Net Wt. 450 lbs) and 5 gallon pails (Net Wt. 40 lbs).
DOT Classification is Non Regulated