MERASOL®

The Miracle Detergent™



With the versatility to perform equally well in perchloroethylene and hydrocarbon solvents, and charge or load processes, MERASOL is The Miracle Detergent.

Load Process (Injection) and Charge Process Detergent for Both Perchlorethylene and Hydrocarbon Solvents

MERASOL is versatile and value-driven! It is designed to provide proper detergent performance with a variety of solvents and systems. Whether you demand the simplicity of using an automatic detergent addition to each load, or desire the consistency and effectiveness of maintaining an optimum charge of detergency, **MERASOL** puts cleaning power into your drycleaning process.

• *Outstanding Detergent Power*

MERASOL's concentrated formula provides outstanding detergent power whether used in a charge or a load (injection) process.

• *Puts Moisture to Work*

Solvent alone cannot remove water-soluble soil and stains. **MERASOL** is designed to solubilize moisture in solvent, enabling it to safely dissolve and flush away water-soluble soil without causing wrinkling or other fabric damage. Garments are cleaner with less need for post-spotting or recleaning. This saves time at the spotting board and reduces costly recleans.

• *Controls Free Moisture*

Uncontrolled (free) moisture serves as a breeding ground for bacteria in hydrocarbon solvent. **MERASOL** is formulated to effectively control moisture.This helps prevent the formation of unpleasant solvent and garment odors.

• *Minimizes Static Cling & Lint Problems*

MERASOL's formula includes static control properties to eliminate lint problems and static cling. There's less need for manual lint removal and your customers will love how their garments resist clinging and lint when worn.

• *Helps Prevent Redeposition*

MERASOL works to help loosen and suspend insoluble soils so they can be carried away from garments to the filter for safe removal from the solvent. Your customers' clothes will be cleaner and brighter.

• *Easy to Use*

With **MERASOL**, you decide which detergent application is better for your operation. Easy to inject or maintain in a charge process, **MERASOL** helps simplify peak detergent performance.

• *Versatile*

MERASOL's outstanding cleaning performance makes it an excellent choice for any plant, whether perchloroethylene or hydrocarbon, injection or charge process. Merasol is especially convenient for plants operating with more than one type of solvent or detergent addition process.

• *Approved for High Flash Point Hydrocarbon Solvents*

Since **MERASOL** does not contain any low flash point solvents, it is particularly well-suited for use in machines employing high flash point hydrocarbon solvents.

DETERGENT

STREET'S®
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(800) 4-STREET

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Instructions for using MERASOL

Charge System Use Instructions:

Charge Process: Adding MERASOL for the First Time

First calculate the number of gallons of solvent in the system by adding the volume of solvent in the working tank to that estimated to be in the filter and piping. Then, use the table below to determine the amount of **MERASOL** to be added for that volume of solvent. If the total volume of solvent in the system differs from the amounts listed in the table, simply add two or more volumes together to get the desired number.

MERASOL First Time Addition Table

Volume of solvent in system	MERASOL to be added	Volume of solvent in system	MERASOL to be added
0.75% Charge US Measures		**0.75% Charge Metric Measures**	
5 gal	**5 oz**	20 L	**150 mL**
50 gal	**50 oz**	100 L	**750 mL**
200 gal	**200 oz**	800 L	**6 L**
1% Charge US Measures		**1% Charge Metric Measures**	
5 gal	**6.5 oz**	20 L	**200 mL**
50 gal	**65 oz**	100 L	**1 L**
200 gal	**260 oz**	800 L	**8 L**

Maintaining the Charge Based on lb/kg Cleaned

If new, reclaimed or distilled solvent is returned directly to the working tank throughout the day, then daily maintenance of the charge can be based on lb/kg of items cleaned or normal solvent turnover. On average, 2.5 gallons of solvent are reclaimed for every 100 lb (or about 20 liters for every 100 kg) of clothes that are dried. To that 2.5 gallons (or 20 liters), add the number of gallons (or liters) returned from other sources (such as distillation or new solvent additions) per 100 lb (or per 100 kg) of cleaning. Follow the Table below.

Maintaining the Charge Based on lb/kg Cleaned Table

Solvent Turnover gal/100 lb Cleaned	MERASOL to be added	Solvent Turnover L/100 kg Cleaned	MERASOL to be added
0.75% Charge US Measures		**0.75% Charge Metric Measures**	
6 gal	**6 oz**	10 L	**75 mL**
8 gal	**8 oz**	25 L	**190 mL**
10 gal	**10 oz**	100 L	**750 mL**
1% Charge US Measures		**1% Charge Metric Measures**	
6 gal	**8 oz**	10 L	**100 mL**
8 gal	**10 oz**	25 L	**250 mL**
10 gal	**13 oz**	100 L	**1 L**

Load Process (Injection) Use Instructions:

Load (injection) Process: Conditioning the System & Adding MERASOL For The First Time:

In order to ensure the best results, you will need to condition the system with **MERASOL** before running the first load. Start with new or distilled solvent in the working tank and filter system. Purge all of the detergent from the addition pump and detergent feed lines. Calculate the number of gallons of solvent in the system by adding the volume of solvent in the working tank to that estimated to be in the filter and piping. Add **MERASOL** at the rate of 1 to 2 oz. per 10 gallons (or 8 mL to 16 mL per 10 liters) of solvent that are calculated to be in the system. After adding **MERASOL**, circulate the solvent through the washer, filter, piping and tank system by running a wash cycle without any garments in the wheel for 5 minutes. This ensures uniform distribution of **MERASOL** before starting the first load. *NOTE: Conditioning of the solvent in the system in this manner should be done any time the majority of the solvent in the system is replaced with new or distilled solvent.*

Use Instructions: One-Bath Load (injection) Process

Follow the guidelines described above for conditioning the system. Fill to high solvent level from working tank. Add **MERASOL** at the rate of 1 to 2 oz per 10 lb (or 65 to 130 mL per 10 kg) of cleaning. Run cycle for 3 minutes without filtration, run pump circuit from wheel back into wheel. Clean for 17 to 22 minutes through filter. Drain and extract solvent to the work tank. Dry as normal. Maintain a minimum distillation rate of 7 to 10 gallons per 100 lb (or 60 to 80 L per 100 kg) of clothes cleaned.

Use Instructions: Two-Bath Load (injection) Process

Follow the guidelines described above for conditioning the system. Fill to low solvent level from working tank. Run cycle for 3 minutes without filtration. Drain and extract solvent to still. Fill from distilled tank to low solvent level. Add **MERASOL** at the rate of 1 to 2 oz per 10 lb (or 65 to 130 mL per 10 kg) of cleaning. Fill to high level from work tank. Run cycle for 3 minutes without filtration, run pump circuit from wheel back into wheel. Clean for 17 to 22 minutes through filter. Drain and extract solvent to the work tank. Dry as normal

IMPORTANT PROCESS OPERATING REQUIREMENTS

Cleaning Cycle Times – Perchloroethylene Solvent

For normally soiled classifications, a cleaning time of 12 to 15 minutes is recommended

Cleaning Cycle Times – Hydrocarbon Solvent

For normally soiled classifications, a cleaning time of 20 to 25 minutes is recommended.

How to Order MERASOL

MERASOL is sold by authorized Street's distributors. Order from your local distributor in one-gallon jugs (3.785 L) containers, cases of four, 5-gallon (18.93 L) pails or 15-gallon (56.78 L) drums.

Before using any chemical product, review the Material Safety Data Sheet (SDS) for safe handling and proper disposal.
For professional drycleaning use only.

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www.4streets.com
(800) 4-STREET

Restoring Confidence In Clean™

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