

# PRODUCT BULLETIN

# Super Strength Solvent Degreaser

## Heavy Duty Liquid Degreaser



Tennant Company, 701 North Lilac Drive, P.O. Box 1452, Minneapolis, MN 55440-1452  
800-553-8033 / www.tennantco.com  
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**DESCRIPTION:**

TennantTrue® Super Strength Solvent Degreaser is a concentrated solution of naturally occurring monoterpenes found in citrus fruits plus emulsifiers and solvents formulated for use in all Tennant automatic scrubbers as well as manual cleaning of severely soiled areas.

**USES:**

- Rubber burns, waxes
- Compacted soilages (food, oil, grease, dirt, etc.)
- Cutting through encrusted food soilages
- Cleaning and degreasing petroleum-based soilages, such as oil drippings and grease
- Heavy to severe manufacturing and warehouse applications
- Can be used in areas with metal shavings and mark removal.
- Will remove some curing membranes
- Can be used as a pre-treatment chemical for mark removal and stubborn soils.

**ADVANTAGES:**

- Super Strength Solvent Degreaser's high actives and effective cleaning ability allows for excellent cleaning of industrial and petroleum-based soils.
- Does not contain petroleum distillates or chlorinated solvents.
- Low foaming
- Designed specifically to be used with an automated scrubber and will not damage critical parts of the machine.

**STORAGE:** Materials should be stored indoors between 65°F (18°C) and 90°F (32°C).

**SHELF LIFE:** 1 year from date of manufacture.

**PACKAGING OPTIONS / PART NUMBERS:**

2-2.5 gallons in cardboard box / 9008791  
15 gallon drum / 9008792\*  
55 gallon drum / 9008794\*  
Pallet Qty of 9 – 15 gallon containers / 9008796  
Pallet Qty of 4 – 55 gallon containers / 9008797  
275 gallon tote / 9008798  
\*includes Drum Pump #31389



**NSF REGISTERED**  
NSF Registration Number: 144490  
Product Category: A4

**MATERIAL PROPERTIES (LIQUID):**

Property	Results
Color	Orange
Elemental Phosphate	None
Flash Point °F/C Seta Closed Cup	145°F / 62.8°C (concentrate)
Foam	Low
Form	Liquid
Freeze Point	32°F / 0°C
Freeze/Thaw	Passes standard test of three freeze/thaw cycles.
Heat Stability	Passes standard test
Odor	Slight citrus smell from d-Limonene
pH Concentrate	6-8 ± 0.5
pH at 3%	7 +/- 0.5
Solubility (Tap Water)	Forms emulsion with water
Solvents	d-Limonene, Dipropylene Glycol Methyl Ether, Propylene Glycol Butyl Ether
Viscosity	Water Thin
Wt. Per Gallon	8.29 lb/gal
Wetting Agents	Nonionic Surfactants

**DILUTION GUIDE FOR  
TENNANT AUTOMATIC SCRUBBERS:**

GENERAL CLEANING:	DILUTION RATE
Mix concentrate up to 1:20 with water in scrubber tank.	½ -3 ounces degreaser per gallon of water.

HEAVY CLEANING:	DILUTION RATE
Mix concentrate up to 1:16 with water in scrubber tank.	8 ounces degreaser per gallon of water.

SEVERE CLEANING:	DILUTION RATE
Mix concentrate up to 1:8.5 with water in scrubber tank.	15 ounces degreaser per gallon of water.

**IMPORTANT: READ AND FOLLOW ALL PRECAUTIONS AND INSTRUCTIONS BEFORE PROCEEDING.**

**PLEASE SEE MATERIAL SAFETY DATA SHEET (MSDS) FOR SAFETY INFORMATION AND PRECAUTIONS.**

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**DIRECTIONS FOR USE**

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**READ PRECAUTIONS ON LABEL BEFORE USING.**

**AUTOMATIC SCRUBBING**

-  **Warning! Do not exceed water temperatures of 145°F/62.8°C.**
-  **Warning! Wear rubber or other impervious gloves and splash goggles when handling.**
-  **Warning! Follow appropriate floor safety procedures.**

Dilute Super Strength Solvent Degreaser using the following dilution rates depending on the level of soilage:




- General Cleaning:** Mix ½ ounce to 3 ounces of Super Strength Solvent Degreaser per gallon of water
- Heavy Cleaning:** Mix 8 ounces of Super Strength Solvent Degreaser per gallon of water
- Severe Cleaning:** Mix 15 ounces of Super Strength Solvent Degreaser per gallon of water.

Partially fill solution tank with water. Pour the required amount of detergent into the solution tank. Fill the solution tank with water until the level is just below the indicator level. Once the solution tank is filled with the appropriate dilution rate, scrub the floor according to the machine manual.

**DOUBLE SCRUBBING:** For soils that are not removed with conventional scrubbing use the double scrubbing method as a way to pre-treat the soils. Follow proper double scrubbing procedures outlined in machine operator manuals. Double scrub the heavily soiled areas and let the solution soak on the floor for 10-15 minutes. Activate the scrub vacuum fan/squeegee to pick up the cleaning solution. Rinse the surfaces with potable water after use

**CURING MEMBRANES:** Will remove some curing membranes. Follow cleaning procedure listed above for grease, oil, silicones, rubber burns and paraffinic waxes. Soak until membrane is easily rubbed from concrete. Shiny areas indicate that curing membrane is present. Repeat process as necessary to ensure complete removal of curing membrane.

**MANUAL SCRUBBING**

-  **Warning! Do not exceed water temperatures of 145°F/62.8°C.**
-  **Warning! Wear rubber or other impervious gloves and splash goggles when handling.**
-  **Warning! Follow appropriate floor safety procedures.**

**Pre-Treatment:** Pre-treatment methods may be used to clean grease, oils, silicones, rubber burns, waxes, and other stubborn soils.

Apply undiluted Super Strength Solvent Degreaser to floor surface. Allow to soak. Keep surface wet with Super Strength Solvent Degreaser for 10-15 minutes. Add water to area if needed, and agitate with stiff bristle brushes. Pick up residue. Scrub/rinse with clear water and pick up. Repeat

process to ensure complete removal. Follow with a potable water rinse.

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- Heavy Cleaning:** Mix 8 ounces of Super Strength Solvent Degreaser per gallon of water
- Severe Cleaning:** Mix 15 ounces of Super Strength Solvent Degreaser per gallon of water.

Once the degreaser is diluted, apply to the floor and scrub with a manual floor scrubber. Pick up solution with a mop or wet/dry vacuum. Rinse the surfaces with potable water after use

**PERSONAL PROTECTIVE EQUIPMENT**

It is recommended that chemical splash goggles and impervious gloves (i.e. rubber) be worn when working with this material.

Improper use or dilution may cause increased health hazards, including eye and / or skin irritation and discomfort. May be harmful if swallowed. See Material Safety Data Sheet for additional information.

**TECHNICAL SUPPORT / ORDERING**

For any application questions or to reorder, please call Tennant Customer Service at 1-800-553-8033, or order online at [www.tennantweblink.com](http://www.tennantweblink.com).

**DISPOSAL**

Dispose in accordance with federal, state and local regulations. Please recycle the empty detergent container.

**PLEASE SEE MATERIAL SAFETY DATA SHEET (MSDS) FOR SAFETY AND PRECAUTIONS.**

**USE PRODUCT AS DIRECTED.**

**KEEP OUT OF THE REACH OF CHILDREN.**

**WARRANTY**

Tennant warrants products to be free from defects of manufacture, improper formulations and defective ingredients. Warranty covers replacement of materials only.

**THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING THE WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND OF ALL OTHER OBLIGATIONS AND LIABILITIES INCLUDING LIABILITY FOR CONSEQUENTIAL DAMAGES OR CONTINGENT LIABILITIES ARISING OUT OF THE USE OF TENNANT MATERIALS.**

**No representative of Tennant has authority to give any other warranty or assume other liability.** The presence of

a Tennant employee during the application of a material does not extend this warranty in any manner whatsoever.