

PRODUCT BULLETIN

Neutral pH Solvent Degreaser

Heavy Duty Liquid Degreaser



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DESCRIPTION:

Tennant *True* Neutral pH Solvent Degreaser is a low foaming neutral pH degreaser, specifically formulated for use in Tennant scrubbers.

USES:

- Aggressive cleaning applications
- Can be used on both coated and uncoated floors
- Heavy manufacturing and industrial facilities
- Can be used in areas with metal shavings and for mark removal
- Can be used as a pre-treatment for mark removal

ADVANTAGES:

- Low foaming
- Designed specifically to be used with an automated scrubber and will not damage critical parts of the machine.
- Doesn't use petroleum distillates or chlorinated solvents.

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 / 9006770
- 15 gallon drum / 9006771*
- 55 gallon drum / 9006773*
- Pallet Qty of 9 – 15 gallon containers / 9006893
- Pallet Qty of 4 – 55 gallon containers / 9006894
- 275 gallon tote / 9006775

*includes Drum Pump #31389

LIMITATIONS:

- See warnings on label
- Refer to MSDS for additional information
- Do not exceed water temperatures of 145°F/62.8°C.



NSF REGISTERED

NSF Registration Number: 142958
Product Category: A4

MATERIAL PROPERTIES (LIQUID):

Property	Results
Color	Yellow
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 of three cycles
Odor	slight citrus smell from d-Limonene
pH of concentrate	6-8 +/- 0.5
pH at 3% dilution	7 +/- 0.5
Solubility (Tap Water)	Soluble in water
Solvents	Dipropylene Glycol Monomethyl Ether, Propylene Glycol Butyl Ether, d-Limonene
Viscosity	Water thin
Wt. Per Gallon	8.27 lb/ gal.
Wetting Agents	Nonionic Surfactants

**DILUTION AND MIXING GUIDE FOR
TENNANT AUTOMATIC SCRUBBERS:**

LIGHT CLEANING:	DILUTION RATE
Mix concentrate up to 1:128 with water.	1 ounce of Neutral pH Solvent Degreaser per gallon of water

HEAVY CLEANING:	DILUTION RATE
Mix concentrate up to 1:32 with water.	4 ounces of Neutral pH Solvent Degreaser per gallon of water

Do not exceed 4 ounces per gallon of water dilution rate. If increased soil removal is needed use more aggressive detergent or explore additional brush / pad changes.

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

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 Neutral pH Solvent Degreaser using the following dilution rates depending on the level of soilage:




Light Cleaning: Mix 1oz of Neutral pH Solvent Degreaser per gallon of water

Heavy Cleaning: Mix 4 oz of Neutral pH 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.

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 Neutral pH Solvent Degreaser to floor surface. Allow to soak. Keep surface wet with Neutral pH Solvent Degreaser 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.

Dilute the Neutral pH Solvent Degreaser with water using the following dilution rates:

Light Cleaning: Mix 1oz of Neutral pH Solvent Degreaser per gallon of water

Heavy Cleaning: Mix 4 oz of Neutral pH Solvent Degreaser per gallon of water

Once the detergent is diluted apply to the floor and scrub with a manual floor scrubber. Pick up solution with a mop or wet vacuum.

PERSONAL PROTECTIVE EQUIPMENT

Wear 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.

DISPOSAL

If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations. Please recycle the empty detergent container.

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

USE PRODUCT AS DIRECTED.

KEEP OUT OF THE REACH OF CHILDREN.

WARRANTY

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

THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED 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.