



PRODUCT BULLETIN
General Purpose Cleaner
 Medium Duty Liquid Cleaner



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DESCRIPTION:

Tennant True General Purpose Cleaner is a low foaming medium duty liquid cleaner, specifically formulated for use in Nobles and Tennant scrubbers.

USES:

- Medium duty cleaning
- Can be used on both coated and uncoated floors
- Warehouse and light manufacturing facilities

ADVANTAGES:

- Low foaming
- Designed specifically to be used with an automated scrubber and 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 / 9006764

15 gallon drum / 9006765*

55 gallon drum / 9006767*

Pallet Qty of 9 – 15 gallon containers / 9006889

Pallet Qty of 4 – 55 gallon containers / 9006890

275 gallon tote / 9006769

*includes Drum Pump #31389

LIMITATIONS:

- None

GREEN SEAL CERTIFICATION: This product meets the Green Seal™ environmental standard for industrial and institutional cleaners based on its reduced human and environmental toxicity and reduced volatile organic compound content.



NSF REGISTERED

NSF Registration Number: 142956

Product Category: A4



MATERIAL PROPERTIES (LIQUID):


Property	Results
Color	Purple
Elemental Phosphate	None
Flash Point °F/C Seta Closed Cup	>200°F / >93°C (concentrate)
Foam	Low
Form	Liquid
Freeze Point	28°F / -2°C
Freeze/Thaw	Passes standard test of 3 freeze/thaw cycles
Odor	Soapy (no fragrance added)
pH of as-used dilution	10.6
pH of concentrate	10.5 – 10.9
Solubility (Tap Water)	Soluble in water
Viscosity	Water thin
Wt. Per Gallon	8.75 lb/ gal.
Wetting Agents	Anionic and Nonionic Surfactants


**DILUTION GUIDE FOR
 TENNANT AUTOMATIC SCRUBBERS:**

LIGHT CLEANING:	DILUTION RATE
Mix concentrate up to 1:256 with cold water in scrubber tank.	1/2 ounce cleaner per gallon of cold water.

HEAVY CLEANING:	DILUTION RATE
Mix concentrate up to 1:64 with cold water in scrubber tank.	2 ounces cleaner per gallon of cold water.

Do not exceed 2 ounces per gallon of water dilution. If increased soil removal is needed explore additional brush / pad changes / detergent changes.

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



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

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

DIRECTIONS FOR USE

READ PRECAUTIONS ON LABEL BEFORE USING.

AUTOMATIC SCRUBBING

-  **Warning! Use appropriate floor safety procedures.**
 **Warning! Wear appropriate rubber or other impervious gloves and splash goggles when handling.**



Dilute the General Purpose Cleaner with cold water using the following dilution rates depending on the level of soilage:

Light Cleaning: Mix 1/2 oz of General Purpose Cleaner per gallon of cold water.

Heavy Cleaning: Mix 2 oz of General Purpose Cleaner per gallon of cold water.

Partially fill the 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. After use, rinse solution tank and recovery tank to prevent soil build-up.

MANUAL SCRUBBING

-  **Warning! Use appropriate floor safety procedures.**
 **Warning! Wear appropriate rubber or other impervious gloves and splash goggles when handling.**

Dilute the General Purpose Cleaner with cold water using the following dilution rates:

Light Cleaning: Mix 1/2 oz of General Purpose Cleaner per gallon of cold water.

Heavy Cleaning: Mix 2 oz of General Purpose Cleaner per gallon of cold 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.

- ***In federally inspected meat and poultry plants, always follow soilage pickup with a potable water rinse.***

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.

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 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.