



# PT-4™

## Flow Improver



PT-4 can be automatically dispensed into drains and septic systems using the **Cloro-Doser®**.  
(See **Cloro-Doser** Spec Sheet #S01005)

### DESCRIPTION

A unique non-acid, non-caustic formulation, **PT-4** is formulated to safely liquefy and disperse grease, soap scum, food residue, sludge and other waste build-up in all types of plastic or metal plumbing. Pine scented **PT-4** helps prevent blockages, before they happen and quickly cleans and deodorizes all parts of drainage systems. Makes cabling a drain line easier, and cleans greasy solids from tools and many types of hard surfaces.

**PT-4** has a carry-through effect to sewers and septic systems. Greasy matter is kept in solution and prevented from redepositing and causing inside (crown) corrosion and the formation of sewer gases downstream. Since waste is solubilized it is readily available to waste stream microorganisms, beginning the biodegradation process.

USDA authorized and biodegradable, **PT-4** does not contain any petroleum-based solvents, ozone depleting substances, greenhouse gases, or agents listed as marine pollutants. Regular use of **Cloroben PT-4** will keep drains free flowing and clean.

### SIZES AND PACKING

STOCK NO.	SIZE	PACKING	WEIGHT/CASE
137501	1 qt.	12	28 lbs.
137503	1 gal.	4	34 lbs.
137504	5 gal.	1	44 lbs.
137507	15 gal.	1	132 lbs.
137508	30 gal.	1	263 lbs.
137509	55 gal.	1	467 lbs.

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Spec Sheet #S00208

### APPROVALS AND LISTINGS

USDA Authorized

### SPECIFIC USES

Use **Cloroben PT-4** to improve flow and reduce odors caused by deposits of grease, sludge, and hard water soap scum. **PT-4** also disperses food residue, coffee grounds, and other particulate matter. May be used as a cleaner/degreaser/emulsifier during mechanical snaking.

### SPECIFIC APPLICATIONS\*

**Cloroben PT-4** can be used to improve flow of gravel absorption beds around cesspools, drywells, leach tanks and drain field laterals. Can be used to clean lines to and from grease traps, cleans main lines or soil stacks/vents of apartment buildings, condominiums and hotels or for commercial applications; controls grease caking and fouling in clarifiers, lines and digesters and helps maintain good percolation in aeration basins of municipal waste treatment plants.

### PHYSICAL PROPERTIES

Density: 7.95 lb./ gallon  
Solubility in water: Complete in water or oil  
Flash Point: TCC 1000 PPM. Solution: Greater than 160° F  
Freeze Point: 10°F  
Fragrance: Pine  
pH: 7.5 - 8.5  
Appearance and color: Clear gold liquid

### WARNINGS OR CAUTIONS

- Cautions-concentrate is a combustible liquid-keep away from sparks, heat and flames.
- Read all cautions and directions carefully before using this product.
- Avoid contact with eyes, skin and clothing. May cause skin irritation. Do not wear contact lenses.
- Harmful or fatal if swallowed.
- Use with adequate ventilation. Avoid prolonged or repeated inhalation of concentrated fumes in confined areas.
- Do not reuse container. Dispose of container in accordance with applicable regulations.
- Avoid contact with food.
- In the event of a spill, pick up and discard in accordance with local, state, and federal regulations. Waste material may become combustible. Wash down spill area with water.
- Do not mix with other chemicals.
- Avoid contact with painted surfaces, linoleum, asphalt, and rubber. Prompt washing with plenty of water will minimize damage if spilled on the preceding materials.

### DIRECTIONS FOR USE

Do not use **PT-4** on clogged drains. There must be some flow through the line before treatment. For slow drains/drain odor mix 2 ounces of product with 8 ounces of hot water, or fill to lines on mixing jar. Add the solution to the drain nightly until flow is restored and odors are gone, typically one to three daily applications. For best results, allow to work overnight or at least two hours before resuming drain use.

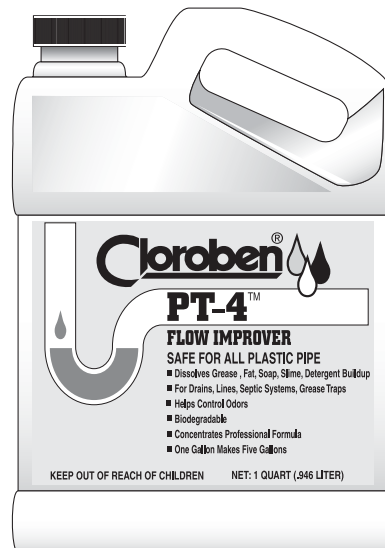
**For preventive maintenance** - Use 1 ounce of product mixed with 4 ounces of water weekly for each 2 household occupants. Treat a different drain each week.

**LINE SNAKING**- 1) Blend 1 part product with 4 parts warm water. 2) Begin using

a mechanical snake while adding this solution to the line. The product's emulsifying action helps keep grease and sludge from redeposition on pipe walls for faster more complete cleaning. 3) Flush out the line with hot water while still running the snake. 4) Begin a preventative maintenance program.

**COMMERCIAL PREVENTATIVE MAINTENANCE**- Dispense product daily using 1 oz. for each inch of line diameter and 50 feet of drain line, or use 2 oz. for every 100 meals served. For best results add before the longest period of non-use. Flush with warm water the following day. When adding manually into sink traps, follow with 1 pint of warm water to flush the product past the trap.

**For Commercial Use** - Can be used with **Cloro-Doser®** to automatically dispense upstream of grease traps or directly into sewage ejectors and drain lines.  
(See **Cloro-Doser** Spec Sheet #S01005)



### MATERIAL SAFETY INFORMATION

**FOR MORE INFORMATION ON THIS PRODUCT, REQUEST MATERIAL SAFETY DATA SHEET (MSDS) #208**

For Delivery by Fax	Call 1-800-942-4636
Internet	See MSDS section of <a href="http://www.cloroben.com">www.cloroben.com</a>
Mail	Contact Cloroben at address below or any Cloroben representative

HMIS Hazard warning 1-2-1-G

#### INGREDIENTS

#### CAS#

Biochemical Terpene Microemulsion  
Terpene Hydrocarbon Mixture 68956-56-9  
Triethanolaminedodecylbenzenesulfonate 27323-41-7  
NJ-T.S.R. #1281000000 1001P, 1002P

\* For special applications which may not be covered on this or other Cloroben literature, please contact Cloroben Technical Services Department by phone at 1-800-221-9330 or send a fax to 1-800-333-3456.



**CLOROBEN PRODUCTS**  
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