WESTERN WATER ASSOCIATES, INC.

FORMULA 924

Product Description: 924 is specially formulated and packaged for direct addition to drains and grease traps in restaurants and commercial buildings.

To assure optimal performance of these organisms, under the toughest conditions, they are produced and blended together with "high potency" nutrients, stimulants and surfactants. 924 contains microorganisms that are capable of degrading a wide range of oils and greases under aerobic, facultative, anaerobic conditions combined with natural biological enhancers, micronutrients and macronutrients.

Reduce Grease and Solids Build-Up in Drains and Traps: When applied on a regular basis, 924 reduces the accumulation of grease in sumps, drains and traps. By degrading the grease, other solids are free to flow through the system.

Specifications

Form:	Free-flowing liquid
Color:	Pale Green
Fragrance:	Lemon
Nutrient Content:	Surfactants, Micronutrients, Biological Enhancers
Plate Count:	50 billion per liter 200 billion per gallon

924 is approved for use under the classification of Food Handling Environment by the Canadian Food Inspection Agency.

Benefits of 924:

- **Keep floats clean**
- **Reduce grease build-up headaches**
- **Prevent emergency blockages**
- **Save on line jetting**
- **Lower grease disposal costs**
- **Reduce odors**

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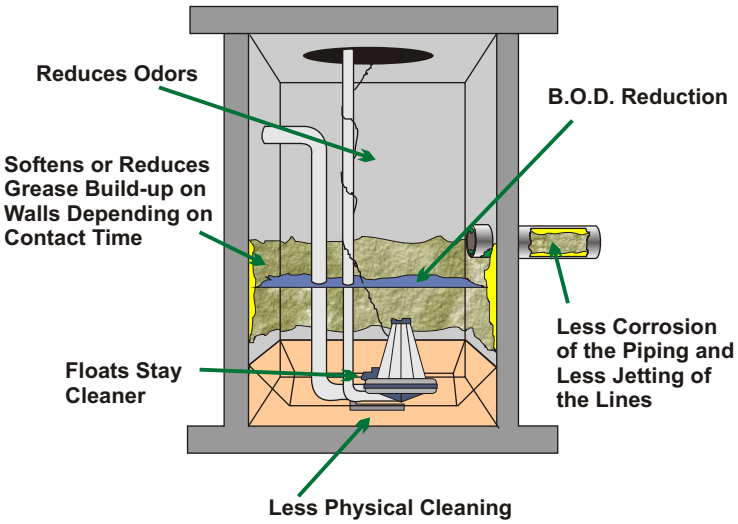
Fats, Oils and Grease



Steps to be taken if material is released or spilled
Wear eye and skin protection. Floors treated with 924 may be slippery; use care to avoid falling. Avoid discharge to natural waters. Small spillages can be washed away with large amounts of water. Large spillages, if contained, can be returned to container.

Waste Disposal Method
For disposal of aqueous surfactant solutions: Aerobic biological effective in treating aqueous solutions of surfactants. Removal efficiency will depend upon treatment plant conditions. As with any wastewater, consultation with local treatment plant staff is recommended (and may be required by law) before disposal. In typical activated sludge treatment systems, inlet concentrations below 50 mg/l have been treated without foaming problems.

For Disposal of Neat, Unused Product
Incinerate in furnace where permitted under Federal, State and local regulation.

Caution
Aquatic Effects:
48 hr. "Daphnia magna" LC50 - 214
Bacterial test LC50 - >5000 mg/L
96 hr. Fathead Minnow Lc50 - 66 mg/L

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FORMULA 924

Packaging: Packaged to suit customer needs and for ease in use. Quart, Gallon, 5 gallon, 30 gallon or 55 gallon drum.

Application:

Porta-Toilets: Add one gallon (4 quarts) directly and cover the solids with water to aid digestion. Every time the toilet is pumped, start treatment over again with one gallon of product.

Recreational Vehicles and Boats: Add 2 oz. per gallon of water in the holding tank. Thereafter, use 1 oz. per gallon as needed. For use at a dumpstation, add 1 gallon per 50 gallons of tank capacity. Then use 1 pint per week for maintenance.

Septic Tanks: Add 1 pint per 25 cubic feet capacity for the initial treatment. Thereafter, use 8 oz. per week. This may be poured directly into a toilet and flushed. If septic tank has become clogged and odorous, add 1 gallon of product directly to the tank through the manhole.

Grease Traps: For less than 20 cubic feet capacity, add 4-5 oz. of product daily by pouring in a sink or pipeline closest to the trap. This should be done at night or when the traps are used the least.

After adding, flush down with a cup of lukewarm water. For grease traps larger than 20 cubic feet, add 8-10 oz. daily using the same procedure.

Drain Lines and Down Pipes: Use product a minimum of 2 times weekly to a maximum of 4 times depending on the usage of the building. Add product in amounts listed below by pouring directly into the drain pipe starting on the lowest floor and working up at a rate of one floor each day. Do not treat same floor twice. When the top floor is reached, continue from the top floor only.

Pipe Size	Dosage	Frequency
2"	4 oz.	2 times / week
4"	8 oz.	2 times / week
6"	12 oz.	2 times / week
8"	16 oz.	2 times / week

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Case History 962

This State Park in southern Indiana continued a seasonal campground with a collection system leading to a central lift station. From the lift station the waste pumps approximately 3.5 miles through an 8" polyethylene force main. Over a number of years the force main gradually plugged with grease and solids until the flow was almost stopped. 924 was added at the rate of 5 gallons per day for ten days. Very little change was noted for several days. At the end of ten days the flow suddenly started and a continuous flow of grease and solids was discharged from the force main.

Case History 976

The collection system of a military base had consistent problems with grease build-up in the gravity sewer and lift station. The problems were solved by installing a solar powered metering pump and dosing 1 gallon per day of 924 into a manhole 400 yards upstream of the liftstation.

The information presented in this Data Sheet is believed to be reliable. This information is provided as representative only and there are no warranties, expressed or implied, regarding its performance. Since neither distributor nor manufacturer has any control over handling, storage, use and application conditions, neither distributor nor manufacturer shall be responsible for loss, damage or expense arising out of or in any way connected with the handling, storage, or use of the product described. It is the customer's responsibility to use these products in a manner that does not infringe on local laws, regulations, and third party rights.