

E.P.A. Reg. No. 7687-2

**CAUTION: COMBUSTIBLE MIXTURE**

**N.Y.F.D. C. OF A. NO. 3282.**

Read ALL precautions and directions before using.

**DIRECTIONS**

**DRAIN LINES AND SEPTIC TANKS:**

**wham** is a concentrate and should be diluted in water, as directed before use. For best results, applications should be made in the late evening—or before longest non-use period of the waste system—allowing the solution to remain undisturbed in the system overnight. Apply solution to drain nearest point of trouble.

Used as directed, **wham** helps dissolve grease and organic waste in sluggish lines and drains, opens clogged grease traps, helps eliminate overflowing and clogging of cesspools, septic tanks and drain fields, creating maximum porosity for soil absorption. **wham** helps control slime-forming bacteria and does not interfere with the action of normal digestive bacteria.

**ODOR CONTROL:**

Dilute 2 ozs. **wham** in 1 gal. of water. Spray or mop over unpainted cement, wood, tile, ceramic floors and surfaces and outdoor areas. This same dilution will help keep metal garbage cans, urinals, and lavatory fixtures clean and will help reduce odors.

**FLY CONTROL:**

**wham** helps control flies in garbage cans by destroying the fly eggs and larvae, thus breaking the fly reproductive cycle. Dilute 4 ozs. **wham** in 1 gal. water. Spray or scrub surface; spray thoroughly inside the garbage can for effective results.

**SANITARY DISPOSAL OF TRAILER TOILET CONTENTS:**

Pour 1/2 oz. **wham** mixed with 2 qt. water into toilet. Repeat application after each disposal of waste and at periodic intervals. Clean trailer toilets periodically.

**SANITARY DISPOSAL OF CHEMICAL TOILET CONTENTS:**

Add 1 quart **wham** per 100 gallons of capacity for treatment and preventive maintenance. Clean periodically before treatment.

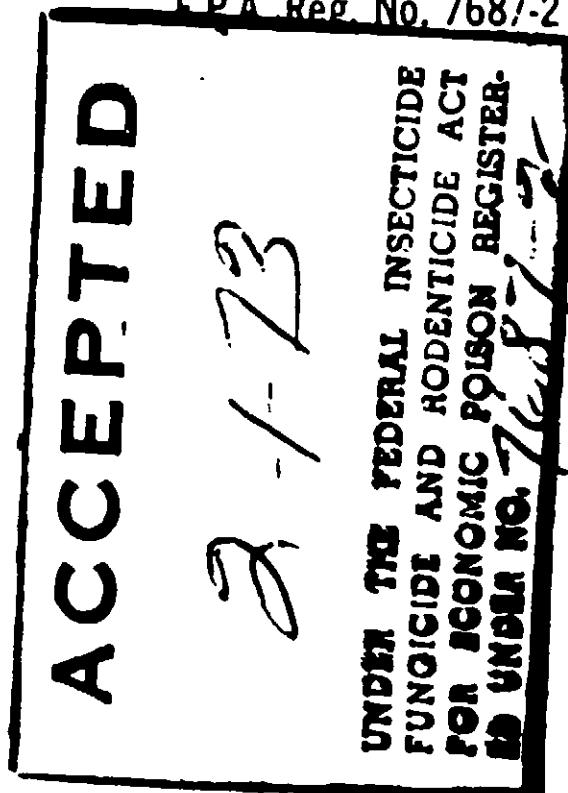
**ODOR CONTROL FOR PIT PRIVIES:**

Apply 1 oz. **wham** per square foot of surface in water sufficient to cover surface. Apply as needed.

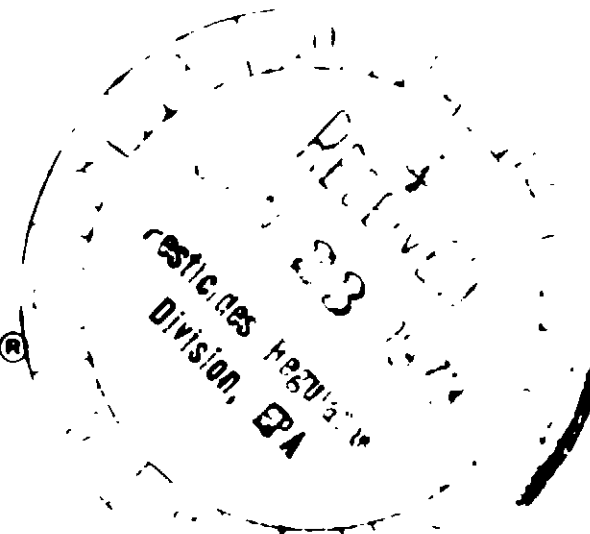
**CLEANING TOOLS:**

Spray or soak greasy tools with 1 pint **wham** mixed with 1 part water. Rinse well with clear water. Above recommendations are for average conditions. Severe cases may require additional treatments.

E.P.A. Reg. No. 7687-2



Stock No. 20-110



# wham

cleans and clears

**SEPTIC TANKS · CESSPOOLS  
GREASE TRAPS · DRY WELLS  
REDUCES ODORS**

**Active Ingredient: Ortho-dichlorobenzene — 80%**  
**Inert Ingredients: — 20%**

**WARNING:**

**KEEP OUT OF REACH OF CHILDREN  
IRRITANT • HARMFUL IF SWALLOWED OR ABSORBED THROUGH  
SKIN • VAPOR HARMFUL**

READ PRECAUTIONS ON SIDE PANEL

**CONTENTS: 1 U. S. QUART**

FUNGICIDE AND RODENTICIDE ACT  
 FOR FLYING INSECT  
 ED UNDER NO. 7687-2

Read ALL precautions and directions before using.

**WARNING:  
 KEEP OUT OF REACH  
 OF CHILDREN**

Vapor irritating. Contains Ortho-dichlorobenzene. Use with adequate ventilation. Avoid breathing of vapor. Do not swallow. Do not get in eyes, on skin, or on clothing.

Avoid spilling or contact with painted surfaces, linoleum, rubber and plastics.

**RINSE EMPTY CONTAINER THOROUGHLY WITH WATER AND DISCARD IT.**

**ANTIDOTES:** Flood with plenty of water in case of contact with skin or eyes. If swallowed, do not induce vomiting. Drink plenty of liquids, gelatin solution, milk, egg whites or water and call physician. If vapors are inhaled excessively, expose to fresh air with warm covering and call physician.

**KEEP FROM FREEZING. IF WHAM DOES FREEZE, THAW AT ROOM TEMPERATURE AND SHAKE WELL. PERFORMANCE OF WHAM WILL NOT BE AFFECTED.**

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# HERCULES wham

**wham** is a powerful concentrated solvent for treating grease, soap, detergents and odors.

**wham** is the easy way to revitalize and help restore malfunctioning waste disposal systems.

**wham** reduces grease, soap, and detergent accumulations—thereby increasing the capacity of overloaded drainage systems—helps eliminate pumping or mechanical snaking.

**wham** is non-corrosive to metals, enamelware, ceramics and concrete.

Read ALL precautions and directions before using.

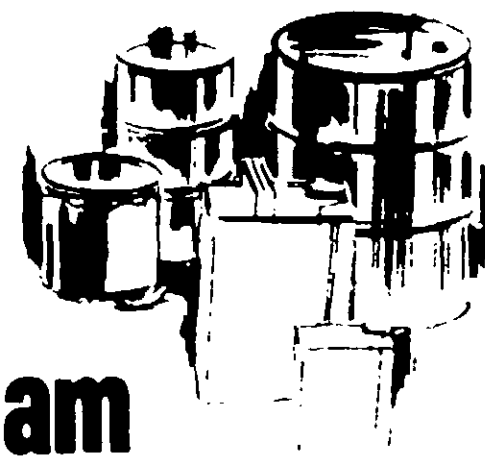
# HERCULES wham

FACILITY	PURGE TREATMENT	PREVENTIVE MAINTENANCE
<b>Sluggish Drains, Drain Lines</b> • Regular use of <b>wham</b> will help eliminate accumulations of grease, soap, and detergents.	Mix 4 oz. <b>wham</b> in 1 qt. water and pour into drains. Repeat applications late every evening until lines are free flowing.	Mix 2 ozs. <b>wham</b> in 1 qt. water. Apply weekly, bi-weekly or as necessary to keep lines and drains clear.
<b>Cesspools, Septic Tanks, Dry Wells, Drain Fields</b> • <b>wham</b> helps dissolve grease, soaps, detergents—helps to reduce odors and improve digestion of waste. Helps to improve soil absorption and aids in trouble free operation of waste system.	Mix 1 qt. <b>wham</b> in 4 qts. water for each 1,000 gal. liquid tank capacity. Divide application between distribution box (if accessible) and directly into tank or pool — or into nearest opening leading to malfunctioning system. Repeat this treatment every 24 hrs. until proper flow has been restored. Apply in late evening or prior to non-use period.	Mix 4 oz. <b>wham</b> in 1 qt. water for each 1,000 gals. liquid tank capacity. Apply weekly, bi-weekly or as necessary through toilet bowl or drain line leading to waste system.
<b>Grease Traps</b> • <b>wham</b> helps eliminate grease accumulations; reduces manual cleaning and unpleasant odor problems.	Completely clogged traps should be cleaned manually or with Hercules Drain Pipe Cleaner.	Mix 2 ozs. <b>wham</b> in 1 qt. water for each 20 gals. of trap capacity. Pour in opening preceding trap each evening, or as needed. Larger quantities of grease input require increased amounts of <b>wham</b> or additional treatments.
<b>Manure Tanks, Pits, Piles, Lagoons</b> • <b>wham</b> helps reduce unpleasant odors emanating from manure waste.	Mix 2 ozs. <b>wham</b> per 1 gal. water. Prepare enough solution to spray thoroughly over entire surface.	Mix 1 oz. <b>wham</b> per 1 gal. water. Prepare enough solution to spray thoroughly over entire surface. Apply every one to two weeks or as necessary.
<b>Wham</b> helps to reduce odors and to control flies in metal garbage containers by destroying the fly eggs and larvae, thus breaking the fly reproduction cycle.	Mix 4 oz. <b>wham</b> per 1 gal. water. Prepare enough solution to spray thoroughly over entire surface. For best results allow part of the solution to remain in the garbage cans for fly control. For solely odor reduction, use 2 oz. <b>wham</b> in 1 gal. water and spray over entire surface.	Mix 4 oz. <b>wham</b> per 1 gal. water. Spray thoroughly over entire surface. Part of solution must remain in garbage can for fly control. Treat every 5 days, or as needed. For solely odor reduction, use 1 oz. <b>wham</b> per 1 gal. water and spray thoroughly over entire surface. Apply every one to two weeks or as necessary.
<b>Sewage Treatment</b> • <b>wham</b> temporarily reduces odors; grease; sludge; in sewage treatment systems and plants.	Add 8 parts <b>wham</b> /million gals. of sewage a day dripped in influent over 3 day period. Example: 10,000,000 gals. sewage per day requires 80 gals. (8 p.p.m.) dripped over a 3 day period or approx. 27 gal. per day.	Add 2 p.p.m. of <b>wham</b> dripped in influent daily.

**HERCULES CHEMICAL COMPANY, INC.** NEW YORK 10011

WHAM is supplied in a variety of can and drum sizes

STOCK NO	SIZE	PACKING
20 110	1 qt. can	12
20 115	1 gal. can	6
20 120	5 gal. can	1
20 125	15 gal drum	1
20 130	55 gal drum	1



# HERCULES<sup>®</sup> wham

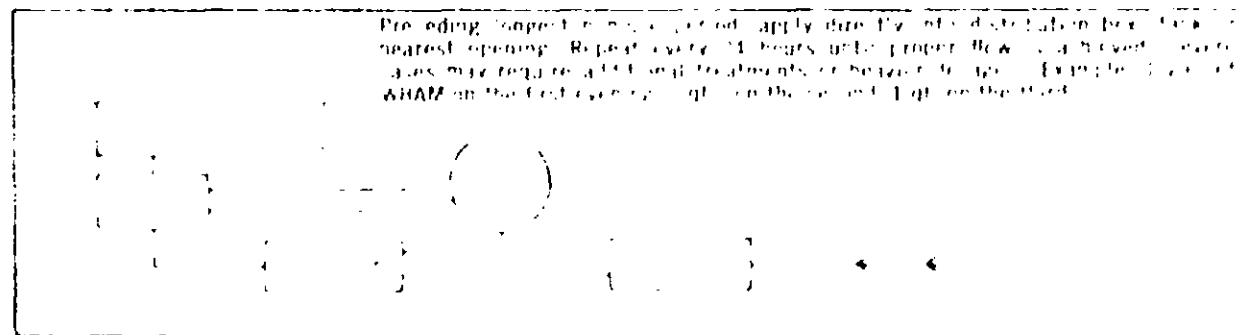
For sewage and odor control

E.P.A. Reg. No. 7687-2

## HOW TO USE IT:

FACILITY	PURGE TREATMENT	PREVENTIVE MAINTENANCE
<b>Septic Tanks, Cesspools, Dry Wells, Lagoons, Settling Tanks, Filter Beds</b> WHAM dissolves grease, sludge, soap, detergents and other organic materials. Reduces odor, improves soil absorption and helps maintain the entire waste system at maximum efficiency.	Mix 1 qt. WHAM in 4 qts. water for each 1,000 gal. liquid tank capacity. Divide application between distribution box if accessible and direct to tank or to nearest opening leading to malfunctioning system. Repeat treatment every 24 hrs. until proper flow has been restored. Usually 2 to 3 treatments reduces odors and eliminates logging and overflowing of entire waste system.	Mix 4 ozs. WHAM in 1 qt. water for each 1,000 gals. liquid tank capacity. Apply weekly or bi-weekly, depending on type of waste system.
<b>Grease Traps:</b> WHAM eliminates grease accumulations, inhibits sludge and cleaning and reduces disagreeable odor problems.	If the trap is clogged or accumulations are unusually heavy and flow is severely restricted, it should be cleaned manually or with Hercules DRAIN PIPE CLEANER.	Mix 1 oz. WHAM in 1 qt. water for each 20 gals. of trap capacity. Pour in opening preceding trap each evening. Larger quantities of grease in put require a proportionate increase of WHAM.
<b>Drain Lines and Drains:</b> Regular use of WHAM in SLOUGH DRAINS eliminates accumulation of grease, soap and detergents.	Mix 4 ozs. of WHAM in 1 qt. water and pour into drains. Repeat applications every evening until lines are free flowing.	Mix 12 ozs. WHAM in 1 qt. water. Apply weekly, bi-weekly or as necessary to keep lines and drains clear.
Regular use of WHAM in drain lines and drains inhibits the growth of slime forming bacteria.	Mix 8 ozs. of WHAM in 1 qt. water and pour into drains.	Mix 8 ozs. WHAM in 1 qt. water. Apply weekly, bi-weekly or as necessary to keep lines and drains clear.
<b>Manure Tanks, Pits, Piles, Lagoons</b> WHAM helps reduce unpleasant odors emanating from manure waste.	Mix 2 ozs. WHAM per 1 gal. water. Prepare enough solution to spray thoroughly over entire surface.	Mix 1 oz. WHAM per 1 gal. water. Prepare enough solution to spray thoroughly over entire surface. Apply every one to two weeks or as necessary.
<b>Sewage Treatment:</b> WHAM temporarily reduces odor and grease sludge in sewage systems and plants.	Add 8 parts WHAM/million gals. of sewage a day, dropped in influent over 3 day period. Example: 10,000,000 gals. sewage per day requires 80 gals. (8 p.p.m.) dropped over a 3 day period or approx. 27 gal. per day.	Add 2 p.p.m. of WHAM dropped in influent daily. NOTE: 57 drops of WHAM per minute equals approx. 1 gal. over a 24 hour period.
<b>Sanitary Maintenance - Odor Control</b> WHAM reduces odors, removes grease and other causes of sanitary problems.	Mix 2 oz. in 1 gal. water. Spray mop or scrub unpainted cement, wood, ceramic floors and surfaces; metal garbage containers and outdoor areas. Do not use on paint, plastic, linoleum or non-ceramic floor tiles. Treat every 5 days or as needed. <b>CAUTION:</b> All treated surfaces which come in contact with food or feed must be flushed thoroughly with potable water.	
<b>Sanitary Maintenance and Fly Control:</b> To help control flies in garbage cans by destroying the fly eggs and larvae thus breaking the fly cycle.	Mix 4 ozs. WHAM in 1 gal. water. Spray or scrub metal garbage containers; permit part of the solution to remain in the garbage can line with care or plastic garbage cans. Treat every 5 days or as needed.	
<b>Sanitary Maintenance - Slime Bacteria:</b> Slime bacteria, mold and mildew, fungus, etc.	Mix 1 qt. WHAM in 1 gal. water. Spray mop or scrub ceramic, flint and surfaces. Do not use on paint, plastic, linoleum or non-ceramic floor tiles. Treat every day or as needed. <b>CAUTION:</b> All treated surfaces which come in contact with food or feed must be flushed thoroughly with potable water.	
<b>Mechanical Drain &amp; Sewer Cleaning Equipment:</b> WHAM keeps equipment free of grease and reduces odor after use in sewers and drains.	Mix 1 qt. of WHAM in 1 gal. water and apply to drain or sewer before starting equipment. Solution should also be used as a spray to clean equipment after use.	
<b>Sanitary Disposal of Chemical Toilet Contents:</b> 1 qt. WHAM per 100 gals. of 90% in toilet for treatment and prevent permanent in toilet before treatment.		<b>Sanitary Disposal of Trailer Toilet Contents:</b> Mix 1 qt. WHAM with 2 qts. water and pour into toilet. Repeat application after each disposal of waste and at least once a day as needed. Clean trailer toilets periodically.
<b>Odor Control for Pit Privies:</b> Apply 1 oz. WHAM for each sq. ft. of surface with sufficient water to cover entire surface.		<b>Cleaning Tools:</b> Soak or soak presoak tools with 1 qt. WHAM in 1 qt. water. Rinse with water after use.
<b>Automotive and Industrial:</b> Mix 4 gal. parts of WHAM and 100 gal. water for motor, radiator, remove oil sludge deposit.		
<b>Land Fill Refuse Disposal, Garbage Dumps, Drainage and Leaching Ditches:</b> Mix 1 qt. WHAM to 100 gal. water and apply 50 gals./1,000 sq. ft.		

Preceding paragraph does not apply due to the distribution box tank or nearest opening. Repeat every 24 hours until proper flow is restored. Larger quantities may require a 100% and treatments or heavier dosages. Example: 1 qt. of WHAM in the first evening, 1 qt. in the second, 1 qt. in the third.



READ ALL PRECAUTIONS AND DIRECTIONS ON CAN BEFORE USE

Stock No. Hercules 1001

## A GUIDE TO YOUR REQUIREMENTS

WHAM is a concentrate and should be diluted in water as directed. Applications should be made late in the evening or the longest non use period of the waste system allowing the solution to remain undisturbed overnight. Apply to drain or opening nearest point of trouble.

The recommended applications are for average conditions. Severe cases may require more frequent treatments or increased dosages and concentrations of the WHAM solution.

## DOUBLE ACTION

For Septic Tank and Cesspools:

By dissolving the grease, sludge, soap and detergents... WHAM allows the septic tank to function properly.

WHAM also breaks down the "hardness" of the soil caused by grease, soap, detergents and caustics, thereby restoring its porosity and absorption ability. This "double action" assures maximum operating efficiency of the entire septic tank system.



# HERCULES

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