

SEWER-D



Big D Industries, Inc.
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Sewer D is ideal for deodorizing all types of wastewater and sewage treatment plants. It is especially beneficial in municipal treatment plants since their odors do not stem from one source. **Sewer D** kills all odors regardless of the source.

Sewer D is extremely versatile in its applications. It can be fogged, sprayed, dripped, or poured. It is compatible with all known water & sewage treatment chemicals. **Sewer D** will not kill algae, aerobic or anaerobic bacteria, and is non-flammable and nontoxic. Climatic conditions do not affect **Sewer D** - it works well in a wet or dry environment.

Big D offers a complete line of products for thorough cleaning, disinfecting and odor control.

SEWER D

BIG D SEWER D

Sewer D is an effective odor counteractant because it facilitates the interaction and oxidizes the odor causing compounds to a higher oxidation state. These compounds in the higher oxidation state do not cause odors. Odors come from essentially two sources: the decay of organic matter such as waste products from plants or animals and from the interaction of minerals with ground acids or even water. In all cases, the conditions which give rise to odors are organic or inorganic compounds in low oxidation states. Almost without exception, those compounds with disagreeable odors are sulfides, mercaptans, amines and other organic materials in their lowest oxidation state.

Attempts to control odors are generally by three methods. One is to dull or numb the olfactory nerves so that a person cannot smell at all. Another involves masking one odor with another such as perfume. The third method, the one employed by Sewer D, is to oxidize the odor causing compounds.

Sewer D is extremely versatile. It may be fogged, sprayed, dripped or poured. It is compatible with all known water and sewage treatment chemicals and will not change their properties. Sewer D will not kill algae, aerobic or anaerobic bacteria. Laboratory tests have shown that application directly into activated sludge did not harm the bacteria at concentrations up to 1000 ppm.

SHIPPING INFORMATION:

Sewer D
No. 597 - Natural
No. 600 - Lemon
Gallons packed 4 per shipping case (wt. 36 lbs.)

Also bulk packaged in 5 gallon pail or 55 gallon drum.

HOW TO USE:

1.) Atomize the entire area continuously. There are atomizing systems available which will disperse fog made from siphoning Sewer D directly from 55-gallon drums, atomizing it and blowing it through perforated piping mounted atop fencing which surrounds the plant.

2.) Pour directly into sludge tanks at the rate of 1-2 gallons of Sewer D to 3-4 million gallons of sludge liquid. Sewer D is designed to remain in solution for 6 hours for a trickle filter plant, 4 hours for the sludge tank type operation. It can be added directly to digesters without killing the needed bacteria.

3.) Fogging. For small applications such as a digester, small lagoon or a lift station, a fogging device can be installed directly on a drum of Sewer D.

Dilution:

Light Odors	1 part Sewer D to 3 parts water
Moderate Odors	1 part Sewer D to 1 part water
Severe Odors	Use full strength

4.) Mix with effluent for irrigation systems. Sewer D has been used successfully when mixed with effluent to eliminate odors from irrigation waters. It has been successful when mixed full strength to 10 parts per million gallons of effluent.

5.) Spray over sludge each time it is moved with a pressure sprayer. Outside, spray full strength over drying mounds. Inside, spray solids with a solution of equal parts water and Sewer D.

6.) Clean equipment prior to repair. Spray Sewer D full strength on equipment parts, pumps, belts, valves, tanks, etc., to remove typical sewage plant odors before servicing.

7.) Use for housekeeping needs in the plant. Add to mop water when cleaning floors and rest rooms; put it in a spray bottle and mist draperies, furniture and rest rooms. It can also be used in lunch rooms and lounges as it is harmless.

8.) Cleanups after sewer backups into homes and public buildings: After the sewer spillage has been removed, Sewer D is quite effective in removing the lingering odor. Use as above in mop water and as a spray.

SUPPORT & ALLIED PRODUCTS:

Big D sells a drum fogger available for smaller applications.



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