

SEWER D

DEODORANT for WATER TREATMENT and SEWAGE DISPOSAL PLANTS

BIG D® **SEWER D** is an effective odor counteractant because it facilitates interaction and oxidizes the odor causing compounds to a higher oxidation state. When in a higher oxidation state, these compounds 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 bacteria or anaerobic bacteria. Laboratory tests have shown that application directly into activated sludge did not harm the bacteria at concentrations up to 1000 ppm.



All Big D® products are free of surfactants known as APES (alkylphenol ethoxylates) and NPEs (nonylphenol ethoxylates), which do not biodegrade quickly and are toxic to aquatic life.

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. Well-tested and proven effective, **SEWER D** is not a masking agent – it actually kills odors, regardless of the source. **SEWER D** works in any climatic condition, hot or cold, wet or dry. **SEWER D** is Non-Flammable and Non-Toxic.

DIRECTIONS FOR USE

1. FOG THE ENTIRE AREA CONTINUOUSLY. There are fogging systems available which will disperse fog made from siphoning **SEWER D** directly from 55 gallon drums, atomizing it and forcing it through perforated piping which surrounds the plant mounted atop fencing.
2. POUR DIRECTLY INTO SLUDGE TANKS at the rate of 1-2 gallons **SEWER D** to 3-4 million gallons of effluent. **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. 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**.
4. USE FOR HOUSEKEEPING NEEDS IN THE PLANT. Add **SEWER D** to mop water when cleaning floors and restrooms; put 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.
5. CLEANUP 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.



SEWER D

PRODUCT NO.	FRAGRANCE
059700	Natural
060000	Lemon

GALLONS packed 4 per shipping case - Weight 36 lbs.

ALSO AVAILABLE

5 GALLON PAIL - Shipping Weight 45 lbs.
55 GALLON DRUM - Shipping Weight 483 lbs.



BIG D INDUSTRIES

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