

SURTECH SRN-74

SURTECH SRN-74 is a slow-release source of nitrates for water treatment applications in which Sulfate Reducing Bacteria (SRB) are causing odor problems. This product is particularly designed for processes having anaerobic conditions conducive to SRB growth and in which there is a significant residence time for the water in the system. Prime examples for using **SURTECH SRN-74** are found in corrosion problems in water treatment processes and hydrogen sulfide odor in equipment such as treatment ponds, clarifiers, very slow, low-flow piping systems and some types of storage towers.



SURTECH SRN-74 is a controlled release calcium granule that provides an extended supply of nitrates. The slow release of nitrates is the key to a long-term solution of hydrogen sulfide production by SRB. Typical competitive methods/products are quickly depleted of their usefulness by the natural bacteria or other organic components in wastewater or other waters. Thus, the other products rapidly become ineffective in alleviating the SRB or hydrogen sulfide problem. Since SRB prefer nitrate over sulfate, the sulfate is no longer converted by the SRB into hydrogen sulfide. The slow release property of **SURTECH SRN-74** not only provides a continuous nitrate source for the SRB; but also for overcoming the nitrate requirements of other bacteria and organics in the water system.

Typical Properties

Appearance:	White Granules
Nonvolatile	100%
Solubility in Water	Insoluble
Nitrate Ion	74%

Handling Precautions

SURTECH SRN-74 is an oxidizer. See the **SURTECH SRN-74** Material Safety Data Sheet for detailed health and safety information.

The information given herein is correct to the best of our knowledge. However, no warranty is expressed or implied regarding its accuracy or the results to be obtained from the use thereof and users should make their own tests to determine the suitability of these products for their own particular purpose. No statement in this brochure/leaflet is intended or should be construed as a recommendation to infringe any existing patent.

Revised: 8-01-02

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