



Speciality No. **I2+** **ODOR CONTROLLER**

Application Areas: Odor control at liquid waste, landfills, sludges, waste waters, compost facilities, garbage transfer station, vegetable waste, laundry waste, animal husbandry waste, pipes etc.

Composition: Bio-Doze™ I2+ is a Blend of selected non pathogenic microbes with non toxic biological activators. **The High Bacterial Density 10⁹ cfu/mg** of

B. Nitrobacter which Converts HNO₂ into HNO₃. (Nitrite into nitrate).

B. Nitrosomonas which Obligates autotrophs; Solubilizes Phosphorous; Converts NH₃ into HNO₂.

De Sulfo Vibrio desulfuricans which produces stable hydrogenase; Useful to remove iron from solutions, metal sulfide formations; Utilises Sulphates and releases H₂S. Thiobacillus ferrooxidans which is metabolized by bacteria which oxygen dissolved do not consume oxygen dissolved by utilizing nitrate compounds, sulfur, iron³⁺ ions as a source of energy. So the application of Thiobacillus ferrooxidans in ponds is very useful for neutralising toxic gases such as H₂S and NO₂ and minimize oxygen consumption so that the Dissolved oxygen content (DO) based pool can remain well preserved.

Features & Benefits : Provides high density bacterial complex which reduces the volume of organic waste, eradicating the source of odor problem naturally. Non-toxic and ease of application. Neutralizes the Hydrogen sulfide or other unpleasant odors by enhanced oxidation. Rapidly breaks down volatile organics to oxygen and water, with no masking but complete elimination process of odor covering organics.

Odor Control: I2+ is a specialty for the control of ammonia and sulfur gas production by scavenging and bringing appreciable change in the odor quality. It completely eliminates the volatile organics, the source of odor for most commonly reported odor-producing compounds. The odor of Hydrogen sulfide (rotten egg odor) and ammonia (sharp pungent odor). Carbon disulfide, mercaptans, product of decomposition of proteins (especially of animal origin) phenols, petroleum hydrocarbons odor created by the anaerobic decay of wet organic matter such as flesh, manure etc. and the odor originating from livestock manure (which is a result of a broad range of over 168 odor-producing compounds) are effectively controlled by I2+. Its effect increase with warm temperature for odor Control.

Form: Powder

Method of Application & Dosage: Prepare a suitable solution dose by 1gm in 100ml dilution depending on the extent of area and the intensity of the odor. Apply through spray pump for 10-20 minutes for deep penetrations. Coverage of I2+ can be from 1000 to 3000 sq ft per it of exposed area of solid waste hump. Usage frequency depends on the rate of odor.

Mopping: Use proper dilution mopping to mop the floor or table cleaning in restaurants and homes.



For Domestic Use



For Massive Use



Mister for Industrial Plants

Limitations: Do not apply under low pH conditions.

Packing: 1 Kg to 20 Kg

Shelf Life & Storage: Shelf life is 12 months from the date of manufacturing in unopened condition. Store in a cool & dry place.

Health & Safety Precautions: No known skin effects. Do not take internally. Use with adequate ventilation.

For more details please contact: IKS PROJECTS & SERVICES (P) LTD. an ISO 9001:2008 Company

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