

Osmo-Cure

Technical Data Sheet

Osmo-Cure is a multi-component osmo-protectant. Created to allow for the biological treatment of industrial waste streams with high conductivity and or high salt content.

Benefits:

Osmo-Cure assists wastewater bacteria by providing necessary co-solvents to assist with osmolality gradients when wastewater conductivity is rapidly increased or in consistently high conductivity environments. In anaerobic wastewater environments, Osmo-Cure will enable the indigenous bacteria and archaea to metabolize waste stream organics, H₂ and CO₂ in significantly higher conductivity wastewater environments. Osmo-Cure will be beneficial in maintaining waste stream nitrification in high wastewater conductivity environments.

How It Works:

- Osmo-Cure is an osmo-protectant formulation that assists bacteria, archaea, protozoans and metazoans by providing necessary co-solvents to assist with the osmolality gradient when the wastewater conductivity is rapidly increased.
- Osmo-Cure contains osmo-protectants that stimulate growth in high-osmolality.
- Osmo-Cure allows for a more rapid osmo-adaptation of indigenous micro fauna (bacteria, archaea, protozoans, and metazoans) during fluctuations in the conductivity and/or salt control of an industrial waste stream.
- Wastewater bacteria respond both passively and actively to changes in the osmolality of their environments. Osmo-Cure assists in both areas by providing both an array of co-solvents that assist in a passive manner and by supplying building blocks that the bacteria can actively use to produce their own internal co-solvents (osmo-protectant).

Physical Properties and Packaging:

- Liquid
- Clear and watery
- 275 Gallon IBC Tote Bins (One-Way)

Safety and Handling:

Ensure product is stored above freezing temperatures (32°F). Handle according to safety instructions on MSDS sheet. Always wear gloves and eye protection when handling product.

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