

Ecosorb® 505 is a broad spectrum odor neutralizer that can be diluted with water or used neat depending on application and delivery equipment. The product is commonly atomized into odorous process air, but can also be added to water tolerant resins, sludge, and the like to suppress the release of malodor. Given its effective strength, dilution with water ranges from roughly 1 part in 20 of water to 1 part in 200 of water and even higher. The product is a blend of essential oils, food grade surfactants, and purified water. It can be diluted with water and/or less polar solvents such as 2-propanol without expected reactions. When diluted with water, it forms a stable but weak emulsion. Whether used neat or if diluted with water, the product is safe to handle and can be disposed of down the drain.

PHYSICAL PROPERTIES

pH:	~6 (see note below)
Specific gravity:	~0.99
Boiling point:	~208°F
Appearance:	milky white
Odor:	slight citrus and floral

pH note: Ecosorb 505 is made with purified water therefore having little ionic activity. Common pH instruments that measure ionic activity can give false low readings in the pH 4 range

HANDLING AND PACKAGING

Ecosorb 505 is shipped in HDPE containers. It is recommended the product be stored, even if diluted in HDPE, polypropylene, or stainless steel containers. Storage containers should be kept tightly sealed, long term exposure to ambient air can affect the product and it will attract airborne particulates. During storage it should not be subjected to temperatures below 35°F or above 85°F. Allowing the product to freeze is especially damaging and will disrupt the emulsion. Extended exposure to higher temperatures may cause separation, but the emulsion can be restored through agitation or mixing. The product does not burn.

DISPOSAL AND CLEANUP

Wash with water or soap and water. The product is not hazardous to humans, animals, or the environment and can be disposed of by flushing to the drain.