



## MUNICIPAL &amp; INDUSTRIAL WASTEWATER TREATMENT

**CES ZerOdor** | Calcium Nitrate Solution**PRODUCT DESCRIPTION AND APPLICATION**

CES ZerOdor is a high quality, clear, chemical solution of calcium nitrate free from particulate matter. ZerOdor provides a highly-effective answer to odor and corrosion control issues associated with many wastewater treatment processes. Benefits of CES ZerOdor include:

- › Reduces offensive odors such as Hydrogen Sulfide, Mercaptans, and Amines found in wastewater treatment applications
- › Reduces corrosive properties found in odor control applications
- › Liquid formulation is easily applied via metering pump
- › Not a byproduct — manufactured to product specification in the USA

**PHYSICAL & CHEMICAL PROPERTIES (TYPICAL)**

APPEARANCE	Clear Liquid
Ca(NO <sub>3</sub> ) <sub>2</sub> 4H <sub>2</sub> O	66.0% ± 1.0%
CALCIUM (Ca)	11.2% ± 0.1%
NITROGEN (N)	8.0% ± 0.1%
SPECIFIC GRAVITY @ 68°F / 20°C	1.452 ± 0.003
DENSITY	12.1 lbs/gal
pH (100 %)	6.0 ± 0.5%
FREEZING POINT	-4°F / -20°C
STABILITY	-4°F to 120°F

**APPLICATION AND DOSAGE**

The feed rate of CES ZerOdor is based upon several factors. Please contact your CES Chemical Applications Specialist to determine a treatment program that is correct for your system.

*Please contact Coyne Environmental Services for additional information specific to your application, or visit us online:*

[www.coyneenvironmental.com](http://www.coyneenvironmental.com)

**REGULATORY APPROVALS**

CES ZerOdor is nonhazardous, completely biodegradable and requires no regulatory approvals.

**ENVIRONMENTAL AND TOXICITY DATA**

Refer to the Material Safety Data Sheet for environmental and toxicity data.

**AVAILABILITY AND STORAGE**

CES ZerOdor is available in:

- › 5 Gallon Pails
- › 55 Gallon Drums
- › 275 Gallon Tote Bins
- › Mini Bulk and Bulk quantities are available upon request

**SAFETY AND HANDLING**

- › Read the Material Safety Data Sheet before using this product.
- › Keep containers tightly sealed and well ventilated between >10°F and <110°F. Protect from freezing. Crystallization of the liquid solution can occur below -4°F. If this should occur, warming and agitation will dissolve the crystallized calcium nitrate.

***Coyne Environmental Services provides practical, economical, and user-specific solutions to virtually any municipal or industrial water and wastewater treatment challenge.***