MUNICIPAL & 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)

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>VALUE</th>
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<tbody>
<tr>
<td>APPEARANCE</td>
<td>Clear Liquid</td>
</tr>
<tr>
<td>Ca(NO₃)₂·4H₂O</td>
<td>66.0% ± 1.0%</td>
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<tr>
<td>CALCIUM (Ca)</td>
<td>11.2% ± 0.1%</td>
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<tr>
<td>NITROGEN (N)</td>
<td>8.0% ± 0.1%</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY @ 68°F / 20°C</td>
<td>1.452 ± 0.003</td>
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<tr>
<td>DENSITY</td>
<td>12.1 lbs/gal</td>
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<tr>
<td>pH (100 %)</td>
<td>6.0 ± 0.5%</td>
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<tr>
<td>FREEZING POINT</td>
<td>-4°F / -20°C</td>
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<tr>
<td>STABILITY</td>
<td>-4°F to 120°F</td>
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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

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.