TOTALOX™ odor eliminator is a product recommended for applications that require a combined permanganate solution for immediate odor control and a nutrient source for long term odor control.

**PRODUCT SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Assay</th>
<th>40% Ca(NO₃)₂ and 1% NaMnO₄</th>
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<tbody>
<tr>
<td>pH</td>
<td>5.0-7.0</td>
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**CHEMICAL/PHYSICAL DATA**

| Formula          | Ca(NO₃)₂ 4H₂O/MnO₄⁻          |
| Form             | Purple solution              |
| Stability        | >18 months                   |
| Specific Gravity | 1.37± 0.03 g/mL              |
| Freezing Point   | -4° F (-20° C)               |

**APPLICATIONS**

Municipal and Industrial Wastewater
- Short term hydrogen sulfide odor control
- Long term hydrogen sulfide odor control

**SHIPPING**

TOTALOX™ odor eliminator is not regulated according to DOT.

**SHIPPING CONTAINERS**

275 gallon (1040 L) IBC (Intermediate Bulk Container)
Weighs 200 lbs. The net weight is 3162 lbs (1434 kg). The tote dimensions are 46 in. high, 48 in. long and 40 in. wide. The tote has a ball valve with NPT threads and a foil seal.

Bulk Quantities from 2000-4000 gallons are available.

**HANDLING, STORAGE, AND INCOMPATIBILITY**

Like any chemical TOTALOX odor eliminator should be handled with care. Protective equipment during handling should include face shields, and/or goggles, rubber or plastic gloves, rubber or plastic apron. If clothing becomes contaminated, wash off immediately. In cases where significant exposure exists, use the appropriate NIOSH-MSHA dust or mist respirator.

The product should be stored in a cool, dry area inclosed containers. Concrete floors are preferred. Avoid wooden decks. Spillage should be collected and disposed of properly. Consult the SDS for additional safety information.

**COMPATIBILITY INFORMATION**

TOTALOX odor eliminator is compatible with many metals and synthetic materials. TOTALOX is compatible with iron, mild steel and stainless steel. It is also compatible with plastics such as polypropylene, polvylin chloride, epoxy resins, firberglass reinforced plastic. Penton, Leucite, Viton A and Hypalon are compatible. Teflon, FRP, and TFE and Tefziel EFTE are recommended.

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**Effect of TOTALOX™ on Sulfide levels**

![Graph showing the effect of TOTALOX™ on sulfide levels over time.](image-url)
CARUS VALUE ADDED

LABORATORY SUPPORT
Carus Corporation has technical assistance available to answer questions, evaluate treatment alternatives, and perform laboratory testing. Our laboratory capabilities include: consulting, treatability studies, feasibility studies, and analytical services.

FIELD SERVICES
As an integral part of our technical support, Carus provides extensive on-site treatment assistance. We offer full application services, including technical expertise, supervision, testing, and feed equipment design and installation in order to accomplish a successful evaluation and/or application.

CARUS CORPORATION
During its more than 100-year history Carus’ ongoing emphasis on research and development, technical support, and customer service has enabled the company to become the world leader in permanganate, manganese, oxidation, and base-metal catalyst technologies.