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**

**Assay**

40% Ca(NO₃)₂ and 1% NaMnO₄

**pH**

5.0-7.0

**Specific Gravity**

1.37±0.03 g/mL

**CHEMICAL/PHYSICAL DATA**

**Formula**

Ca(NO₃)₂.4H₂O/MnO₄⁻

**Form**

Purple solution

**Stability**

>18 months

**APPLICATIONS**

Municipal and Industrial Wastewater

- Short term hydrogen sulfide odor control
- Long term hydrogen sulfide odor control

**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 MSDS for additional safety information.

TOTALOX odor eliminator is not regulated according to DOT.

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**Effect of TOTALOX™ on Sulfide levels**

- **Sulfide, mg/L**
  - 0
  - 2
  - 4
  - 6
  - 8
  - 10
  - 12

- **Number of Days**
  - 0
  - 5
  - 10
  - 15
  - 20
  - 25

**TOTALOX™ injection**

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**C A R U S  C O R P O R A T I O N**

ONE COMPANY. ENDLESS SOLUTIONS

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The information contained herein is accurate to the best of our knowledge. However, data, safety standards and government regulations are subject to change; and the conditions of handling, use or misuse of the product are beyond our control. Carus Corporation makes no warranty, either expressed or implied, including any warranties of merchantability and fitness for a particular purpose. Carus also disclaims all liability for reliance on the completeness or confirming accuracy of any information included herein. Users should satisfy themselves that they are aware of all current data relevant to their particular use(s).

Carus and Design is a registered service mark of Carus Corporation. TOTALOX™ is a trademark of Carus Corporation. ResponsibleCare® is a registered service mark of the American Chemistry Council.
TOTALOX™ odor eliminator is not regulated according to DOT. 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, polyvinyl chloride, epoxy resins, fiberglass reinforced plastic. Penton, Leucite, Viton A and Hypalon are compatible. Teflon, FRP, and TFE and Tefzel EFTE are recommended.

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 98-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.