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**Millipore 8.18303.0010**

# Instruction Manual

## EMD MILLIPORE o-PHENYLENEDIOXYDIACETIC ACID

Model: 8.18303.0010

### 1. Product Overview

This manual provides essential information for the safe handling, storage, and use of EMD Millipore o-Phenylenedioxydiacetic Acid, Model 8.18303.0010. This product is supplied in a 10 g quantity and is intended for synthesis applications.



Figure 1: Example of EMD Millipore product packaging. The image displays the Millipore Sigma logo, indicating the brand and manufacturer of the chemical product.

### 2. Safety Information

Always prioritize safety when handling chemical substances. This product is intended for laboratory use by trained professionals only. Adhere to all local and national safety regulations.

- **Personal Protective Equipment (PPE):** Always wear appropriate PPE, including safety goggles, lab coat, and chemical-resistant gloves, when handling this product.
- **Ventilation:** Use in a well-ventilated area or under a fume hood to minimize exposure to vapors or dust.
- **First Aid:** In case of contact, immediately flush affected areas with plenty of water. Seek medical attention if irritation persists or if ingested.
- **Spill Response:** In the event of a spill, contain the material and absorb with an inert absorbent. Dispose of contaminated material according to local regulations.
- **Material Safety Data Sheet (MSDS):** Consult the product's MSDS for comprehensive safety data, hazard identification, and emergency procedures.

### 3. Handling and Storage

Proper handling and storage are crucial for maintaining product integrity and ensuring safety.

- **Storage Conditions:** Store the product below +30°C (+86°F). Keep the container tightly closed in a dry, cool, and well-ventilated place.
- **Container Integrity:** Ensure the container is not damaged before use.
- **Bulk Density:** The bulk density of this product is approximately 140 kg/m<sup>3</sup>. Handle with care to avoid excessive dust generation.
- **Incompatibilities:** Avoid contact with strong oxidizing agents, strong acids, and strong bases.

### 4. Usage

o-Phenylenedioxydiacetic acid is primarily used for synthesis applications in laboratory settings. Specific usage protocols will depend on the intended chemical reaction or process. Users should refer to established chemical synthesis methodologies and experimental procedures relevant to their specific application.

### 5. Product Specifications

Key physical and chemical properties of o-Phenylenedioxydiacetic Acid (Model 8.18303.0010):

Property	Value
Item Model Number	8.18303.0010
Melting Point	176 - 179 °C
Bulk Density	140 kg/m <sup>3</sup>
Item Weight	10 Grams
Package Dimensions	4 x 2 x 2 inches; 0.35 ounces
ASIN	B01MZ1OF82
Date First Available	December 19, 2016

### 6. Disposal Information

Dispose of this chemical and its container in accordance with all applicable federal, state, and local

environmental regulations. Do not dispose of down the drain or in general waste. Consult your institution's chemical waste management guidelines or a licensed waste disposal company.

## 7. Manufacturer Information and Support

This product is manufactured by EMD Millipore Corporation.

For further technical assistance, safety data, or product support, please contact your local Millipore representative or visit the official Millipore website. Always refer to the most current product documentation and safety data sheets provided by the manufacturer.

*Note: Information in this manual is subject to change without notice. Always refer to the latest product documentation.*

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### Related Documents - 8.18303.0010

	<p><a href="#">Crotonoyl Chloride (Mixture of cis- and trans-isomers) for Synthesis - Safety Data Sheet</a></p> <p>Safety Data Sheet for Crotonoyl chloride (mixture of cis- and trans-isomers) for synthesis, product number 8.20351. Details hazard identification, composition, first-aid measures, firefighting measures, handling and storage, exposure controls, physical and chemical properties, stability and reactivity, toxicological information, ecological information, disposal considerations, transport information, and regulatory information.</p>
	<p><a href="#">Guava easyCyte HT System User's Guide</a></p> <p>Comprehensive user's guide for the Millipore Guava easyCyte HT System, detailing operation, software usage, maintenance, and troubleshooting for various cell analysis assays.</p>
	<p><a href="#">Safety Data Sheet for 4-Methylbenzoic Acid for Synthesis (Millipore)</a></p> <p>This document provides a comprehensive safety data sheet for 4-Methylbenzoic Acid for synthesis, a product from Millipore. It includes information on chemical identification, hazards, composition, first-aid measures, firefighting measures, accidental release measures, handling and storage, exposure controls, physical and chemical properties, stability and reactivity, toxicological information, ecological information, disposal considerations, transport information, and regulatory information.</p>
	<p><a href="#">Oleic Acid EMPROVE® Safety Data Sheet</a></p> <p>Safety Data Sheet for Oleic Acid EMPROVE® and Oleic Acid EMPROVE® EVOLVE, including product identification, hazard overview, first-aid measures, fire-fighting measures, accidental release measures, handling and storage, exposure controls/personal protection, physical and chemical properties, stability and reactivity, toxicological information, ecological information, disposal considerations, transport information, regulatory information, and other information.</p>

	<p><a href="#"><b>Safety Data Sheet for L(+)-Ascorbic Acid for analysis EMSURE® ACS, Reag. Ph Eur</b></a></p> <p>This document provides a comprehensive safety data sheet for L(+)-Ascorbic Acid for analysis EMSURE® ACS, Reag. Ph Eur, including chemical and manufacturer information, hazard identification, composition, first-aid measures, fire-fighting measures, accidental release measures, handling and storage, exposure controls/personal protection, physical and chemical properties, stability and reactivity, toxicological information, ecological information, disposal considerations, transport information, regulatory information, and other information.</p>
	<p><a href="#"><b>Safety Data Sheet for Amidosulfonic Acid for Synthesis - Millipore</b></a></p> <p>This document provides comprehensive safety data for Amidosulfonic Acid for Synthesis (CAS 5329-14-6), including hazard identification, first-aid measures, handling and storage, exposure controls, physical and chemical properties, stability and reactivity, toxicological information, ecological information, disposal considerations, transport information, and regulatory information.</p>