

## Guidance on return shipping of ethylene oxide drums and cylinders

Return shipment of ethylene oxide drums and cylinders to Balchem, even “empty” vessels, qualifies as shipment of a hazardous material under 49 CFR Subpart H (49 CFR 172 sections 700 – 704). Please ensure your organization complies with all applicable US Department of Transportation Pipeline and Hazardous Materials Administration (DOT-PHMSA) regulations before offering the cylinders for shipment:

- Offerors and shippers of hazardous materials must hold an appropriate DOT-PHMSA Hazardous Materials registration.
- Employees participating in the preparation and offer of hazardous materials must be appropriately trained to carry out these tasks in accordance with the regulations at 49 CFR 171-180 *et seq.*, sometimes referred to as HM-126F training.
- Please ensure that DOT hazardous materials labels and markings are intact and legible. If they are not, please contact us before shipping the vessel, and we will provide a replacement label.
- Shipping paperwork must comply with DOT regulations. Your responsible shipping personnel will need to provide the driver with a copy of the current edition of the ERG, Guide 119 (P). A copy can be found on document pages 176-177 of <https://www.phmsa.dot.gov/sites/phmsa.dot.gov/files/docs/ERG2016.pdf>
- When preparing return shipment paperwork, please indicate the following description on the Bill of Lading:

<b>Proper Shipping Name</b>	<b>RESIDUE LAST CONTAINED: UN 1040, ETHYLENE OXIDE, 2.3 (2.1), Zone D, POISON-INHALATION HAZARD FOR EMERGENCY RESPONSE: USE ERG GUIDE 119 (P) SHIP &amp; STORE IN UPRIGHT POSITION STORE IN COOL, DRY PLACE</b>
<b>HM</b>	A check or X in this column indicates that this is a hazardous material shipment.
<b>Gross Weight</b>	Please consult the tag on the vessel to determine the tare weight.
<b>Shipping Address</b>	Please return the vessel(s) to the Balchem plant from which you received the product. If unsure, please call Balchem Customer Service at 845-326-5641.
<b>Vessel identification</b>	Please consult the tag on the vessel to identify each vessel’s serial number.

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*This general information does not provide a full legal analysis of the matters presented and should not be construed or relied upon as legal advice or legal opinion on any specific facts or circumstances. Product users are advised to make their own determination of safety, suitability and regulatory allowance of the intended use(s) of the product(s) referenced herein.*