

Cylinder Return Instruction

Upon receipt of cylinder please retain all issued, UN approved packaging (overpack, drum and inner packaging) for return of the cylinder. All cylinder returns should use the corresponding package the cylinder was originally shipped in.

After consumption of the product within the cylinder, please take the following actions to return the cylinder to Nouryon HPMO at the appropriate location. If the original packaging materials are not available, if you need proper labels, or if you have any questions concerning cylinder return, please contact Nouryon HPMO or your regional distributor (use contact information in step 9).

In some cases your regional sales agent will arrange for collection of the cylinder and will handle correspondence with Nouryon HPMO regarding cylinder returns; however, please ensure that these instructions are followed when repackaging the cylinder.

For quality related returns: Please contact your regional sales manager and complete the Cylinder Return Form (electronic return forms are available at hpmo.nouryon.com).

Please keep a copy for your records and email the form to Nouryon HPMO customer service and/or your regional distributor who will provide you with a Return Material Authorization number (RMA) for the return. Clearly label outer return packaging with the RMA number.

- Read the MSDS/SDS for the product to identify its shipping classification.
- Identify the acceptable mode of shipment (most MOs cannot be shipped by air). Cylinders that are new or have been thoroughly cleaned of product can also be shipped via air.
- Only ship via a carrier authorized to carry dangerous goods.
- Some shippers may require a copy of the SDS and TREM card in the appropriate languages (Europe) or the NAERG number and the MSDS (North America).

Cylinder Packaging

- 1) Ensure that the UN approved drum is labeled according to ADR/IMO/IATA regulations. Labeling should include orientation arrows, hazard labels, the proper shipping name and technical name in parenthesis (when required), as well as the UN package marking for the approved combination package (an example label is shown above; however, the numbers may vary based on the cylinder type) and the appropriate sticker indicating overpack. Orientation arrows on overpack should be posted on two opposing sides.

The proper shipping name must match the material label on the cylinder.

Outer Black Drum:



Overpack - Corrugate Box or Wood Crate:



2) Ensure that **all** cylinder valves are properly closed. Install and tighten **all** VCR seal caps and fittings.



3) Seal the cylinder in a plastic bag, such as a low density polyethylene (LDPE) bag.



4) Arrange the sealed bags of vermiculite in the drum to form a 'nest' for the cylinder. Do not use free vermiculite.



5) Place the cylinder in the drum in the upright position and in the center of the sealed vermiculite packaging.



6) Place additional bags of vermiculite around and on top of the cylinder to secure the cylinder and fill the drum volume.



7) Place the lid on the drum and secure the lever lock ring. Engage the 'locking tab' on the ring.



8) Pack closed drum into the proper overpack (corrugate box or wooden crate) for return. All original packaging for each cylinder should be used for the return – see page 1, paragraph 1. Ensure all proper labels are in place. Prepare all shipping papers and documentation in accordance with the applicable Hazardous Material, Transport Regulations.

Cylinder Shipping

- 9) Ship the packages to the appropriate address following all transport regulations. Please provide the appropriate contact person listed with return cylinder shipping information (i.e. cylinder serial numbers, carrier, tracking numbers, and the expected arrival date). If shipping from outside of these regions, please contact your HP MO sales manager, and/or your regional distributor for further instructions.

<p>North America</p> <p>Shipper: your company name Port of destination: Houston, Texas, USA Final destination: Deer Park, Texas, USA</p>	<p>Consignee: Nouryon Attn: HP MO Logistics 730 Independence Parkway South La Porte, TX 77571 Tel: +1 281 817 9121 / Fax: +1 281 930 8849 Email: hpmo-returns@nouryon.com</p>
<p>Europe</p> <p>Shipper: your company name Port of destination: (sea): Rotterdam, Netherlands Final destination: Deventer, Netherlands</p>	<p>Consignee: Nouryon HP MO Warehouse L3 Zutphenseweg 10 7418 AJ Deventer The Netherlands Tel: +31 570 679107 Email: ShippingDeventer@nouryon.com</p>
<p>Taiwan</p> <p>Please contact Nouryon's sales representative, at Cassen Enterprises, to request a Cylinder Collection Form and to schedule cylinder collection.</p> <p>Ryan Chiang Tel: 886-2-2578-8077 Ext. 698 Fax: 886-2-2578-0618 E-Mail: ryan.chiang@cassen.com</p>	<p>請聯絡Nouryon總代理商 凱信企業: 索取空瓶回收表和 安排空瓶回收</p> <p>凱信企業 徐政宏 電話: 886-2-25788077 分機: 698 傳真: 886-2-25780618 電子郵箱: ryan.chiang@cassen.com</p>

All information concerning this product and/or suggestions for handling and use contained herein are offered in good faith and are believed to be reliable. Nouryon, however, makes no warranty as to accuracy and/or sufficiency of such information and/or suggestions, as to the product's merchantability or fitness for any particular purpose, or that any suggested use will not infringe any patent. Nothing contained herein shall be construed as granting or extending any license under any patent. Buyer must determine for himself, by preliminary tests or otherwise, the suitability of this product for his purposes. The information contained herein supersedes all previously issued bulletins on the subject matter covered. The user may forward, distribute, and/or photocopy this document only if unaltered and complete, including all of its headers and footers, and should refrain from any unauthorized use. You may not copy this document to a website.

Please check our website hpmo.nouryon.com for more information or contact us by email.
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E metalorganicsNA@nouryon.com (North America)
E metalorganicsAP@nouryon.com (Asia Pacific)