

## European 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 must use the corresponding package the cylinder was originally shipped in.

After consumption of the product from the cylinder, please take the following actions to return the cylinder to Nouryon HP MO at the appropriate location. If the original packaging materials or labels are not available, or if you have any questions concerning cylinder return, please contact Nouryon HP MO or your regional distributor.

**For quality related returns:** Please contact your regional sales manager. He/she will provide you with a Return Material Authorization number (RMA) for the return. Clearly label outer return packaging with the RMA number.

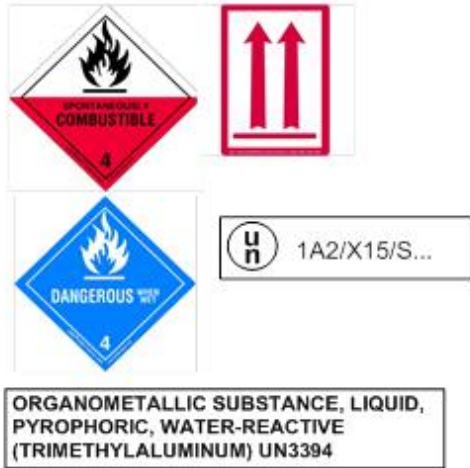
- Identify the acceptable mode of shipment (most MOs cannot be shipped by air). Cylinders that are new or have been thoroughly cleaned of product can also be shipped via air.
- Only ship via a carrier authorized to carry dangerous goods.

### Cylinder packaging

- 1) Ensure that the UN approved drum is labeled according to \*ADR/\*IMO/\*IATA regulations. Labeling should include the UN number, 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 below; however, the numbers may vary based on the cylinder type) and the appropriate sticker indicating overpack drum. Orientation arrows on overpack drum 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 to 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 drum 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 Serial number return label on overpack drum

The labels are intended to be used for return of bubblers. Recent and future deliveries will have this label already on the drum. However, if overpack drums in your inventory do not have such a label yet, please ask us to send the missing labels. Please request at [ShippingDeventer@nouryon.com](mailto:ShippingDeventer@nouryon.com)

The purpose of the label is to indicate the serial number of the bubbler that is inside the drum. While preparing a return shipment please write the serial number on the label on the overpack drum. Next you may pull away the strip on the label and stick it on the overpack drum.

We would highly appreciate your cooperation. Feel free to reach out to us if you would require any more explanation.



## Cylinder shipping

- 9) Ship the packages to the appropriate address in line with applicable transport regulations. Please provide your Nouryon contact person the 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 HPMO sales manager, and/or your regional distributor for further instructions.

<b>Europe</b>  <b>Shipper:</b> your company name <b>Port of destination:</b> (sea) : Rotterdam, Netherlands <b>Final destination:</b> Deventer, Netherlands	<b>Consignee:</b> Nouryon HPMO Warehouse L3 Zutphenseweg 10 7418 AJ Deventer The Netherlands Tel: +31 570 679107 Email: ShippingDeventer@nouryon.com
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