

Preparing An Empty Hydrogen Peroxide Railcar for Shipment

Technical Data Sheet

Introduction

When an empty hydrogen peroxide railcar is returned to Solvay Chemicals, Inc., the user becomes the shipper of record. The shipper is responsible for the safe shipment of the railcar and for complying with transportation regulations.

The following list describes the checks to be made before an empty railcar is shipped back to Solvay Chemicals.

Inspection Items Before Release of Empty Railcar: The inspections which the railcars receive prior to shipment help maintain the fleet integrity. This ensures that the railcars you receive will meet Solvay Chemicals quality standards.

Stencils and Markings:

The railcar must be legibly marked to meet all transportation regulations. All inspection dates must be current.

Placards:

The railcar should have four OXIDIZER placards - one on each end and one on each side. These must be legible and not faded. Check to see if the holders and placards are securely fastened to the railcar.

Preparation for shipment:

All fittings should be tightened to prevent damage. These items are listed mainly for safety reasons. Look for any weld breaks or any other suspicious items that might fail on handrails, walkways and brakes.

Paperwork:

Return paperwork is sent from Solvay Chemicals at time of delivery. Ensure it complies with all transportation regulations.

Checklist:

A suggested checklist is attached that should be faxed back to Solvay Chemicals when the railcar is shipped. If another checklist is already being used, please fax that back to us in place of the attached list. For assistance, call 1-800-765-8292 in Houston, Texas.

Hydrogen Peroxide

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To: Solvay Chemicals Corporate Distribution FAX #: 713/525-7880

Hydrogen Peroxide Empty Railcar Return Checklist

Date: _____ Customer: _____

Railcar #: _____ Operator: _____

H₂O₂ Grade: _____

General Appearance:

Railcar is contaminated

OK Yes/No

Comments

Paint is damaged

Handrails and walkways are damaged

Verify that all stencils and markings are legible:

"Hydrogen Peroxide"

"Not For Flammable Liquids"

"DOT 111A 60 AL W2" or "DOT 111A 60 SS W2"

Railcar inspection date is valid

Placards:

4 yellow and black OXIDIZER placards in place
(one each side and on each end)

Placards legible, unobstructed and not faded

Placards and holders securely fastened

Preparation for shipment:

Tighten the manway bolts

Replace the blind flange

Check all gaskets

Tighten the education tube bolts

Tighten the continuous vent cap

Check that the rupture disc is in good condition

Verify safety chains are secured

Rinse the exterior of any spillage

Prepare the proper shipping papers:

Received copy in delivery paperwork

Ship railcar

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Other Information:

The previous information is based upon our current knowledge and experience of our product and is not exhaustive. It applies to the product as defined by the specifications. In case of combinations of mixtures, one must confirm that no new hazards are likely to exist. In any case, the user is not exempt from observing all legal, administrative and regulatory procedures relating to the product, personal hygiene, and integrity of the work environment. (Unless noted to the contrary, the technical information applies only to pure product).

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