



## CASE STUDY:

# IT'S ALL ABOUT BEING GREEN



This chemical manufacturer reduced packaging waste, while improving on time delivery in support of its chemical process.

## COMPANY BACKGROUND

This global manufacturer of chemicals is a global operating company with over 75 manufacturing facilities worldwide.

## BUSINESS PROBLEM

This client was packaging intermediates into 1,100-pound super sacks and shipping to manufacturing plants throughout North America. One hundred and sixty thousand pounds per day of these materials were loaded onto van trailers which were then transported TOFC to destination. These intermediates represented significant value and quickly became a substantial investment. Unreliable delivery schedules to the chemical plant interrupted the plant's production, the handling of the PE super sacks, and drove labor and landfill costs.

## WAREHOUSE SERVICES INC. CHALLENGE

- Eliminate the labor associated with handling the PE super sacks
- Eliminate the waste associated with the PE super sacks
- Develop a transportation supply chain that adequately supports the chemical plants



## COMPELLING RESULTS / RETURN ON INVESTMENT

- ✓ Warehouse Services Inc.'s Center of Excellence worked with the client and trailer manufacturers to develop equipment capable of withstanding horizontal forces associated with bulk loading.
- ✓ Warehouse Services Inc. and the Client worked to develop a reusable PE liner that could be installed in the trailers, reducing packaging costs by over 40%.
- ✓ Warehouse Services Inc. developed a dedicated transportation fleet to support the movement of the materials, meeting production schedules and reducing delivery costs by 10%.
- ✓ Installed pneumatic systems for handling the intermediates thereby reducing handling costs by 70%.

The pipeline of raw materials was reduced by 50%, resulting in improved cash flow.