

MAKING PRODUCT FROM WASTE IN ZHANGJIAGANG

This sustainability story is one of many that shows how Olin products, technologies, ideas, and people are having a positive impact on our world.

SUSTAINABILITY CHALLENGE

- After transporting Liquid Epoxy Resin (LER) by ship from the US to Olin's site in Zhangjiagang, China, emptied tanks are cleaned with water.
- The cleaning water was collected and brought to incineration as solid hazardous waste.

POSITIVE IMPACT

- Olin has planned to eliminate 100% of hazardous waste from tank washing, avoiding more than 21 MT (based on 2023) of total waste.
- Almost 19 MT of raw material will then be recycled and used for new epoxy products.

OLIN'S SOLUTION

- Olin collects the cleaning water in containers in which the water and the LER settle.
- After settlement, the water is pumped out and can be treated as general wastewater.
- The remaining bottom residual LER is recycled into pure raw material for new products.



DID YOU KNOW?

Olin reduced the withdrawal of fresh water for production by 33% worldwide since 2018.