

# TSCA'S IMPACT ON CHLORINE

## CHLORINE IS CRITICAL BUT UNDERVALUED

- Chlorine is ubiquitous – we sleep, shower, dress, eat, ride, play, work, disinfect, cure, and live with chlorine derivatives
- \$176 billion in US economic activity associated with the production of chlorine and its coproduct caustic soda
- Municipalities do not award business based on the security of supply

## UNINTENDED CONSEQUENCES WILL MATERIALIZE

- Significant unintended consequences will arise from the asbestos TSCA risk evaluation process, including the loss of downstream products, supply chain shift to foreign manufacturers, and a shortage of potable water and disinfection for wastewater
- Negative unreasonable risk conclusions based on unrealistic conditions could also damage global-warming substance reductions, including HFO replacement of HFC refrigerants

## ASBESTOS ALLOWS A PROVEN & SAFE PROCESS

- Asbestos-based diaphragms (40% of US supply) have been a proven solution – with extreme emphasis and controls to ensure worker safety – for decades
- Alternative-technology diaphragms are not viable as they pose distinctly different risks being PFAS-based
- Proven zero public health risk with asbestos-based diaphragms

## CURRENT OPERATING ASSETS WILL BE SHUT DOWN

- Any phase-out of asbestos for Chlorine production will result in immediate Olin production facility closures, in addition to the closures earlier this year
- More Olin facilities will be closed over the next 3-4 years

## PROPOSED SOLUTION

Provide a permanent exemption for the continued safe use of asbestos in chlorine manufacturing

# CHLORINE FACILITATES:



***Clean drinking water***



***Wastewater disinfection***



***Household and commercial bleaches***



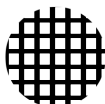
***Sanitizers for swimming pools***



***Pharmaceuticals***



***Soaps***



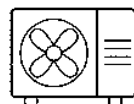
***Surgical membranes***



***Vaccinations***



***Medical blood bags, IV bags,  
and tubing***



***Climate-friendly  
refrigerants***



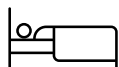
***Building materials***



***Tires***



***Packaging***



***Beds & bedding***



***Smartphones & printed  
circuit boards***



***Prostheses***



***Lithium batteries***



***Clean energy***

