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ABOUT THE COVER

The Moscow Mule cocktail is traditionally served in a copper mug. Given the acidic nature of the drink there is increasing concern that copper can leach into the cocktail. This month's cover article, "Quantifying the Rate Copper Leaches From a Copper Drinking Vessel Into Simulated Beverages Under Conditions of Consumer Use," explored the rate, total amount, and mechanism of copper leaching from a copper mug into a Moscow Mule cocktail. The rate of copper leaching into the Moscow Mule cocktail was found to be significant and the accumulated copper concentration exceeded the U.S. Environmental Protection Agency standards for drinking water. Risks posed by the accumulation of copper can be mitigated by serving this cocktail in copper mugs lined with stainless steel to avoid contact of the acidic liquid with the copper surface.

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