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Bulletin: Bis(2-Chloroisopropyl)ether vs. 2,2'-oxybis(1-Chloropropane)

For years the true identity of bis(2-Chloroisopropyl)ether has been in question. This compound has been incorrectly referenced with CAS#108-60-1 in the EPA methodologies of EPA 625 and EPA 8270.

The actual CAS# for bis(2-Chloroisopropyl)ether is 39638-32-9 and has a synonym of **2,2'-oxybis(2-Chloropropane)**.

NAME CHANGE FOR BIS(2-CHLOROISOPROPYL)ETHER

EPA changed the referenced compound identification in 2007. The NELAC Institute investigated the change of compound name in 2013. The NELAC approved the change and updated the name change: CAS# 108-60-1 2,2'-oxybis(1-Chloropropane) to be effective April 1, 2016 for all PT providers and NELAP state programs.

The method EPA 8270D, Revision 5, September 2014 indicated the following change:

"Chemical name was changed by the Integrated Risk Information System (IRIS) on November 30, 2007 from bis(2-chloroisopropyl)ether to bis(2-chloro-1-methylethyl)ether (common name). This compound is also known as 2,2'-oxybis(1-chloropropane) (CAS index name)."

REPORTING NOTIFICATION

In order to help facilitate the transition, both compound names will appear on the report until January 2017 with a comment provided in the cover letter.
