



Technical Memo

Bis(2-chloroisopropyl) Ether name change to 2,2'-Oxybis(1-Chloropropane)

Updated: January 10, 2017

Background

For many years, the scientific community debated the true name of the compound associated with CAS # 108-60-1. Past versions of EPA Methods 625 and 8270 referred to this compound as Bis(2-chloro-1-methylethyl) Ether. However, the scientific community maintains that 2,2'-Oxybis(1-Chloropropane) is the correct naming for this CAS #.

Why is IAL changing the name of this compound now?

- EPA has been working on this name change for 10 years. EPA Method 8270D, Revision 5, issued September 2014, states the following:
 - *"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)."*
- The NELAC Institute (TNI), IAL's QA certification standard, made the name change to 2,2'-Oxybis(1-Chloropropane) effective as of April 1, 2016
- For the easiest transition, IAL waited for the beginning of the next calendar year to change this naming.

As of January 3, 2017, IAL has changed the name of the compound associated with CAS # 108-60-1 from bis(2-Chloroisopropyl)ether to 2,2'-Oxybis(1-Chloropropane).

Additional detailed information about this nomenclature change can be found below:

- ELAB's (Federal Advisory Committee to EPA) recommendation to EPA to change 108-60-1's name:

https://www.epa.gov/sites/production/files/2016-07/documents/elab_chlorinated_ether_letter_final_signed_06242013-1.pdf

Thank you for your continued use of IAL's services

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