

Memo No. PS94-11

TO: Stationary Sources Permitting & Enforcement Sections,
Local Health Air Agencies

FROM: James S. Geier / Jean Terry

DATE: September 29, 1994

RE: Glycol Ethers

I recently spoke with Bob Lorigan from HP-Loveland regarding the HAP group of glycol ethers. He asked if glycol ether acetates are included in the group. In looking at the empirical formula for glycol ethers that appears at the end of the HAP list in Section 112(b), it appears that the acetates would not be included. However, I called EPA-RTP for their determination on this matter. I spoke with Jeff Gift, and he determined that glycol ether acetates are included, as are sulfates, sulfonates, phosphates, nitrates, and carboxylic acid esters. I previously advised the APEN group that propylene glycol ethers are not listed HAPs, and this is still the case, but it is an indication of the complexity of determining the breadth of this group. Also, please be advised of the numerous trade names which exist for glycol ethers, such as carbitols, cellosolves and -oxyethanols (like butoxyethanol). If you or any of your staff has questions about glycol ethers or any of the other HAP groups, they should feel free to contact me. Please share this information with the local inspectors. Thank you.