

Questionnaire on PFAS Identification in Metal Finishing

Massachusetts Office of Technical Assistance

The purpose of this assessment is to assist your company in identifying your likelihood of using PFAS. This survey is being conducted on behalf of the Toxics Use Reduction Act (TURA) Program with the goal of compiling a robust list of products that contain PFAS in order to help companies like yours make informed choices regarding the use of PFAS. We are offering you two options to participate in this discovery process. **Whichever option you select, OTA's statute-mandated confidentiality will be maintained.**

1. **Agreeing to add the names of PFAS products used at your facility to this list that will be visible to others for the greater good of assisting those who are attempting to avoid PFAS at their facility.** PFAS-containing products that we find at your facility will be added to this list with no affiliation with your company name, but the growing product list will be shared with the TURA Program and other agencies that have the shared goal of raising PFAS awareness.
2. **Taking advantage of OTA services in PFAS investigation at your facility without contributing to the PFAS products list.** OTA will still be able to assist you in discovering your potential PFAS use.

Before moving forward, do you agree to allow OTA to add the names of products at your facility found to contain PFAS to this list? **Note that your company name will never be on this list.**

- Yes
 No

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If your facility has **a list of chemicals by CAS number**, please remember to **share it with your OTA staff contact** so that we can run it through the small database of products that are known to contain PFAS. Please click "Next" to continue.

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1) Does your facility conduct any of the following activities?

	Yes, currently	No, but was conducted within the last 10 years	No, and has not been conducted within the last 10 years	Don't know
Hexavalent chrome plating				
Chromating				
Chromic acid anodizing				
Chromic acid etching				

Electroless copper and electroless nickel-boron baths				
Powder, paint, or polymer coatings				
Any processes that utilize polytetrafluoroethylene (PTFE) products				
Any processes using fluorinated solvents, e.g., parts cleaning				
Any other processes that may utilize surfactants for purposes such as reducing friction/drag, changing surface tension in liquids, etc., through the use of additives				

- 2) *[If yes to any]* If so, please list any fluorinated compounds or PFAS-containing products your facility uses in these processes that you are aware of. **Be mindful that PFAS may not be explicitly called out by name for reasons of confidential business information, so be on the lookout for chemicals that contain “fluor” as part of their names or list descriptions such as “proprietary surfactant.”** *[open-ended]*
- 3) Please describe typical parts treated at your facility, including size, substrate, and use. *[open-ended]*
- 4) Perfluorooctane sulfonate (PFOS) was commonly used as a mist suppressant or wetting agent until just a few years ago. Please indicate any current or previous use of the PFOS-containing products below.

	Product currently in use at this facility	Product not currently in use, but remains in inventory	Product has been used within the last 10 years, but is no longer in inventory	Product has not been used at this facility within the last 10 years	Don't know
Ankor Wetting Agent F					
Benchmark Benchbrite STX					
Benchmark CFS					
Benchmark CR 1800					
Brite Guard AF-1					
Clepo Chrome Mist Control					
Fluorotenside-248					

Fumetrol (Atotech)					
Fumetrol 140					
Hunter Chemical 6.2					
Hunter Chemical HCA-4					
MacDermid Clepo Chrome					
MacDermid Macuplex STR					
MacDermid Proquel B					
Plating Process Systems PMS-R					
Sur Tec 960					

5) Does your facility use any of the following 6:2 FTS-containing products approved by EPA as PFOS replacements in chrome plating? Please check all that apply.

- Fumetrol 21 LF2
- Dicolloy CRPF
- Hunter Chemical HCA – 8.4
- Macuplex STR NPFX
- None of the above *[make option exclusive]*
- Not applicable *[make option exclusive]*

6) What, if any, challenges have you encountered with using PFOS replacement products (e.g., performance issues; availability)? *[open-ended]*

7) What other, if any, fluorocarbons are used at the facility? Any products you use with “perfluoro-” in the name? *[open-ended]*

8) Does your facility have, or has your facility previously used, a fire suppression system that includes the use of the following materials?

- Foam, in particular a system that utilizes aqueous film forming foam (AFFF)
- Clean fire suppression agents such as FM-200 (heptafluoropropane), Novec™ 1230, or ECARO-25 (Pentafluoroethane)
- Neither

9) *[If yes to either option]* If so, what types of AFFF or fire suppression agents are used (or have been used in the past)?

10) *[If yes to either option]* Are there SDSs available for these products?

- Yes

No