Message

From: Schechter, Kathryn [Schechter.Kathryn@epa.gov]
Sent: 10/15/2019 2:46:47 PM
To: Henry, Tala [Henry.Tala@epa.gov]; Williamson, Tracy [Williamson.Tracy@epa.gov]; Scheifele, Hans [Scheifele.Hans@epa.gov]
Subject: RE: PFAS - By the numbers

The spreadsheet of information can be found on the CBI lan at J:/Inventory/PFAS-TSCA Inv...

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From: Henry, Tala <Henry.Tala@epa.gov>
Sent: Tuesday, October 15, 2019 7:38 AM
To: Williamson, Tracy <Williamson.Tracy@epa.gov>; Scheifele, Hans <Scheifele.Hans@epa.gov>
Cc: Schechter, Kathryn <Schechter.Kathryn@epa.gov>
Subject: RE: PFAS - By the numbers

Someone please provide the "full" CBI and non-CBI lists of 'Actives' . thx

Tala R. Henry, Ph.D.
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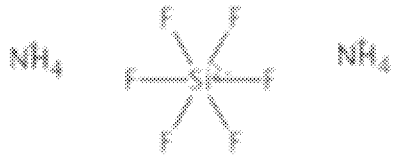
From: Williamson, Tracy <Williamson.Tracy@epa.gov>
Sent: Thursday, October 10, 2019 4:24 PM
To: Henry, Tala <Henry.Tala@epa.gov>; Scheifele, Hans <Scheifele.Hans@epa.gov>
Cc: Schechter, Kathryn <Schechter.Kathryn@epa.gov>
Subject: RE: PFAS - By the numbers

We can send ORD the list(s) that we sent to the Hill – they are close enough.

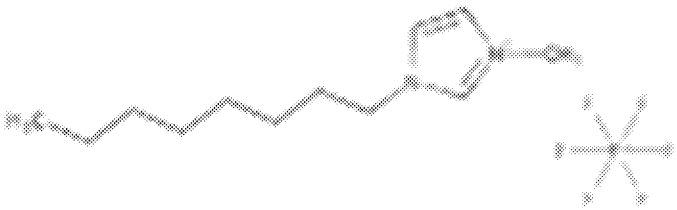
The ORD master file of PFAS has >6000, so we've been reviewing it In small chunks. Some of the types of chemicals that we have identified to date as not PFAS are:

The "A" (alkyl) is missing:

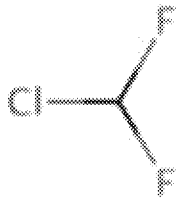


Ammonium hexafluorosilicate
DTXSID:DTXSID6047076
CASRN:16919-19-0
TOXCAST:1/79

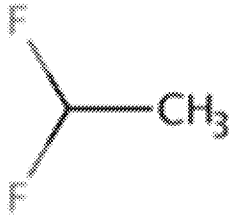
Similarly, the "FA" is missing (F needs to be on the A):



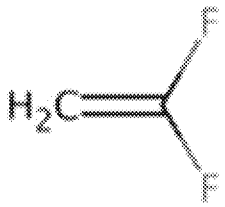
OPPT has a broad (broader than most) working definition for what is PFAS: contains R-CF2-CF2-R' where R & R' are not H. This includes some pretty small molecules, but some on the ORD list are a little too small with not enough F:



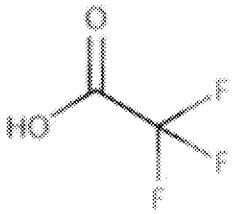
Chlorodifluoromethane
DTXSID:DTXSID4020301
CASRN:75-45-6
TOXCAST:-



1,1-Difluoroethane
DTXSID:DTXSID0024050
CASRN:75-37-6
TOXCAST:-

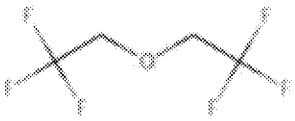


Vinylidene fluoride
DTXSID:DTXSID7021439
CASRN:75-38-7
TOXCAST:-

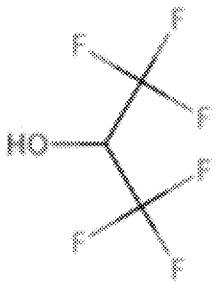


Trifluoroacetic acid
DTXSID:DTXSID9041578
CASRN:76-05-1
TOXCAST:-

We do not include substances like the following, because they do not contain any of the strong fluorinated-carbon-to-fluorinated-carbon bonds:



Flurothyl
DTXSID:DTXSID5046516
CASRN:333-36-8
TOXCAST:1/79



2H-Perfluoro-2-propanol
DTXSID:DTXSID1022134
CASRN:920-66-1
TOXCAST:-

From: Henry, Tala <Henry.Tala@epa.gov>
Sent: Thursday, October 10, 2019 11:44 AM
To: Scheifele, Hans <Scheifele.Hans@epa.gov>; Williamson, Tracy <Williamson.Tracy@epa.gov>
Subject: FW: PFAS - By the numbers

Are the lists below that we sent to the Hill "close enough" or should ICB 'run' new lists based on the very latest Inventory put out in Sept?

Also, Tracy =- they want to know which of their chems ICB thought are not PFAS?

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From: Frithsen, Jeff <Frithsen.Jeff@epa.gov>
Sent: Thursday, October 10, 2019 7:53 AM
To: Henry, Tala <Henry.Tala@epa.gov>
Cc: Morris, Jeff <Morris.Jeff@epa.gov>; Thomas, Russell <Thomas.Russell@epa.gov>; Gillespie, Andrew <Gillespie.Andrew@epa.gov>; Lambert, Jason <Lambert.Jason@epa.gov>
Subject: RE: PFAS - By the numbers

Tala:

Checking in on the PFAS list. Do you know when OPPT can provide to ORD? What we would like is a list of the TSCA active inventory (the 602) and the TSCA inventory (1223) PFAS chemicals. And we also would like to know about chemicals on our PFAS lists that OPPT doesn't think are PFAS chemicals.

Thanks.

Jeff

Jeffrey B. Frithsen, Ph.D.
National Program Director
Chemical Safety for Sustainability Research Program
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From: Frithsen, Jeff
Sent: Thursday, September 19, 2019 4:31 PM
To: Henry, Tala <Henry.Tala@epa.gov>
Cc: Morris, Jeff <Morris.Jeff@epa.gov>; Thomas, Russell <Thomas.Russell@epa.gov>; Gillespie, Andrew <Gillespie.Andrew@epa.gov>
Subject: RE: PFAS - By the numbers

Thanks Tala.

And yes, if we there are issues with any of the chemicals that ORD has included as PFAS, we want to know about it and would like to discuss.

Jeff

Jeffrey B. Frithsen, Ph.D.
National Program Director

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From: Henry, Tala <Henry.Tala@epa.gov>
Sent: Thursday, September 19, 2019 4:30 PM
To: Frithsen, Jeff <Frithsen.Jeff@epa.gov>
Cc: Morris, Jeff <Morris.Jeff@epa.gov>; Thomas, Russell <Thomas.Russell@epa.gov>; Gillespie, Andrew <Gillespie.Andrew@epa.gov>
Subject: RE: PFAS - By the numbers

Yes, we would be glad to provide. Our chemists have noted that some chemicals on your lists are not actually PFASs...do you want to know those too?

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T: 202-564-2959
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From: Frithsen, Jeff <Frithsen.Jeff@epa.gov>
Sent: Thursday, September 19, 2019 2:15 PM
To: Henry, Tala <Henry.Tala@epa.gov>
Cc: Morris, Jeff <Morris.Jeff@epa.gov>; Thomas, Russell <Thomas.Russell@epa.gov>; Gillespie, Andrew <Gillespie.Andrew@epa.gov>
Subject: PFAS - By the numbers

Tala:

Thanks again for the update and clarification on PFAS chemicals. ORD is investing significant resources into the development of authoritative and curated lists for PFAS chemicals. It would be helpful if we could get a list of the TSCA active inventory (the 602) and TSCA inventory (1223) PFAS chemicals. This would assist with our PFAS inventory and library development and our tiered testing activities.

My understanding is that at least some portion of the two lists include CBI information. Assuming my understanding is correct, would it be possible to get redacted lists to avoid CBI issues?

Everyone is juggling much these days. However, what would be a reasonable expectation for timing?

Glad to discuss if needed.

Jeff

Jeffrey B. Frithsen, Ph.D.
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Chemical Safety for Sustainability Research Program
Office of Research and Development (8101R)

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From: Henry, Tala <Henry.Tala@epa.gov>
Sent: Monday, September 9, 2019 1:58 PM
To: Dunn, Alexandra <dunn.alexandra@epa.gov>; Keller, Kaitlin <keller.kaitlin@epa.gov>; Hanley, Mary <Hanley.Mary@epa.gov>; Morris, Jeff <Morris.Jeff@epa.gov>
Cc: Henry, Tala <Henry.Tala@epa.gov>
Subject: RE: EXACT # of PFAS (again)
Importance: High

The public PFAS Action Plan indicates there are **1,223** PFAS on the TSCA Inventory and of those **602** are "active" (i.e., in commerce at some point between June 2006 and June 2016). And, 621 are 'inactive'.
Of course these are the numbers at the time of the publication of the Action Plan and as such the only public numbers. There could have been a **few** that have commenced since then; however, the number of new PFAS coming through New Chems is significantly less since Lautenberg passes.

As I recall, the Tonko letter asked for a lot of other breakdowns, e.g., those with orders, testing, etc.

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