Message

From: Khan, Faruque [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B95BE1A38D5745C2B5FCFF99A5C506F6-FARUQUE KHAN]
Sent: 4/29/2022 11:45:33 AM
To: Dawson, Jeffrey [Dawson.Jeff@epa.gov]
CC: Sankula, Sujatha [Sankula.Sujatha@epa.gov]; Orrick, Greg [Orrick.Greg@epa.gov]
Subject: RE: question on broflanilide
Attachments: 283200_DP446354_Other_ROCKS_04-22-19.pdf

Hi Jeff,
It was nice to see you too and catch up with family news.
I am sending you the ROCKS memo for your information. Table 5 in the rock memo has more details of parent and degradates info except CAS# for all degradates. I believe CAS #s were not assigned at the time we did the assessment. If you need any additional info, please let me know.
Thanks
Faruque

From: Dawson, Jeffrey <Dawson.Jeff@epa.gov>
Sent: Thursday, April 28, 2022 4:47 PM
To: Khan, Faruque <Khan.Faruque@epa.gov>
Subject: question on broflanilide

Faruque,

It was good to see you in person the other day. Glad you are well.

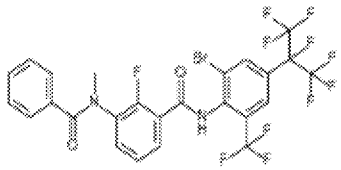
I had a question for you. I was trying to gather info to be able to tell the whole PFAS related story when the broflanilide and PQZ briefing happens. The following slide from the planned presentation describes 3 PFAS degradates and I am trying to get info on them relative to our PFAS testing strategy.

Broflanilide and the major degradates

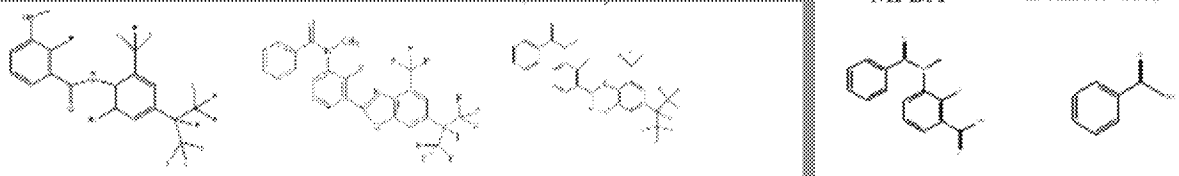
DC-8007
- forms in anaerobic soil (71%) and aerobic and anaerobic aquatic environments (19%).
- considered in drinking water assessment

AB-Oxa, and S(Br-OH)-8007, MFBA and benzoic acid
- identified in acidic and alkaline conditions of the aqueous photolysis study. (14 -44%)
- may not be relevant under a neutral aquatic environment.

Broflanilide



DC-8007 AB-oxa S(Br-OH)-8007 MFBA Benzoic acid



Degradates with PFAS side chain

Degradates without PFAS side chain

I also found this document which you were the reviewer on https://www.epa.gov/sites/default/files/2021-01/documents/der_-_broflanilide_in_soil_-_mrid_50211340.pdf
It has the chemical name for DC-8007 but nothing for the other 2. Any idea where to find them or the CAS numbers for all 3?

I was going to use the EPA dashboard to get some more info on them but to no avail because I didn't have enough info which is why I am sending this note. I also sent this to someone in ORD who knows the dashboard to see if he could structurally search.

If you have any thoughts that would be great.

Thanks very much,

Jeff

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