



February 2, 2009

DECOMPOSITION OF PERFLUOROALKYLSULFINATES

As a result of our monitoring studies, **Wellington** has decided to discontinue our line of perfluoroalkylsulfinate standards. Although we were familiar with the degradation pathways associated with perfluoroalkylsulfonates, which lead very slowly to the production of both perfluoroalkylsulfonate and perfluoroalkylcarboxylic acid impurities in our standards, we only recently became aware of the speed at which this process occurs in our stock crystalline material. It appears that exposure to oxygen is responsible for this decomposition, therefore ampouled methanolic solutions of these compounds are much more stable over longer periods of time.

However, it is possible that during the handling of our reference standards they could be exposed to conditions that would compromise their integrity, such as contact with oxygen if extracts are evaporated to dryness. It is also unlikely that these compounds survive in the environment for long periods of time due to the facile nature of this degradation process. For these reasons, we have decided not to continue producing these compounds.

Catalogue Number	Product (methanol solution)	Qty/Conc
MPFOSi	Sodium perfluoro-1-[1,2,3,4- ¹³ C ₄]-octanesulfinate	1.2 ml 50 µg/ml
PFHxSi	Sodium perfluoro-1-hexanesulfinate	1.2 ml 50 µg/ml
PFOSi	Sodium perfluoro-1-octanesulfinate	1.2 ml 50 µg/ml
PFDSi	Sodium perfluoro-1-decanesulfinate	1.2 ml 50 µg/ml

We apologize for any inconvenience this may cause and would like to assure you that the reference standards that you have already purchased can still be used in your analyses as long as precautions are made to avoid undue exposure to oxygen.

*If you have any further questions about this product discontinuation,
please contact your local distributor:*

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