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Release Note – AD-PFAS V2.0

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Version **2.0**

This document is released to support the publishing of the IAEG Per- and Polyalkyl Substances List (“AD-PFAS”)

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1. IAEG PFAS List (AD-PFAS)

The AD-PFAS (formerly IAEG-PL) is a list of per- and polyfluorinated alkyl substances (“PFAS”) that may be in use in the aerospace and defense (A&D) industry and/ or its supply chain and thus may be present in A&D products or the materials required to maintain, repair or overhaul those products. The list is developed from the presence of PFAS on various governmental chemical inventories and use information on uses.

Entities using the AD-PFAS are cautioned when using the list for compliance purposes and independently confirm the applicability of specific substances in the AD-PFAS to specific requirements.

The list is provided as an Excel spreadsheet.

2. AD-PFAS Content

The inclusion of substances in the AD-PFAS includes those substances defined as organic (carbon-based) molecules with at least one fully fluorinated carbon (i.e., a methyl or methylene group). The substances on the AD-PFAS are indexed by an applicable CAS Registry Number (“CAS#”)¹ and IAEG number (“IAEG#”). IAEG#s with a “P” suffix indicate those not currently listed on the Aerospace and Defense Declarable Substances List (AD-DSL).

3. AD-PFAS Content Changes

This Release Note pertains to Version 2 of the AD-PFAS (“V2”), reflecting changes made in the list since Version 1 (“V1”). The most significant change has been the inclusion of IAEG#s for all listed PFAS, to support identification. Additionally, the AD-PFAS has been updated to reflect the following newly-identified PFAS:

- 4,5-Difluoro-2,2-bis(trifluoromethyl)-1,3-dioxole polymer with tetrafluoroethene (CAS# 37626-13-4, IAEG # IAEG016230P)
- Poly(difluoromethylene), .alpha.-(2,2-dichloro-2-fluoroethyl)-.omega.-hydro- (CAS# 163440-89-9, IAEG# IAEG016232P)
- Poly(difluoromethylene), .alpha.-chloro-.omega.-(1-chloro-1-fluoroethyl)- (CAS No. 131324-06-6, IAEG016233P)
- 2-Propenoic acid, 2-methyl-, 3-(trimethoxysilyl)propyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl 2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorododecyl 2-propenoate and octadecyl 2-propenoate (9CI) (CAS# 477529-30-9, IAEG# IAEG016229P)

¹ CAS Registry Number is a Registered Trademark of the American Chemical Society. CAS recommends the verification of the CAS RNs through CAS Client Services.

as well as to remove substances contained in AD-PFAS V1 that were subsequently determined to not meet the general PFAS definition:

- Polyvinyl fluoride (PVF), (CAS# 24981-14-4, IAE# IAE#014889P)
- 1-bromo-1,1-difluoroethane, (CAS# 420-47-3, IAE# IAE#000619)
- carbon tetrafluoride (CAS# 75-73-0, IAE# IAE#002684)

4. AD-PFAS Support & Maintenance

The AD-PFAS is owned and maintained by IAEG®. It is available on the IAEG® website (www.iaeg.com) on the “The IAEG Per- and Polyfluorinated Alkyl Substances List (“AD=PFAS”)” page: <https://www.iaeg.com/chemicalrpt/pfas>

Please use this contact email for questions or improvement suggestions related to the AD-PFAS or its supporting information: substancereporting.support@iaeg.com