

Chignolo d'Isola, 12 December 2023

Subject: Absence of Chemical Substances – Declaration:
- TSCA section (5) (a) (2)- Long-Chain Perfluoroalkyl Carboxylate and Perfluoroalkyl Sulfonate Chemical Substances;

Dear Customer,

Thanking you for choosing RadiciGroup products, we are glad to inform you that all the material grades supplied by RADICIGROUP HIGH PERFORMANCE POLYMERS under the trademarks:

RADILON[®], RADIFLAM[®], RADISTRONG[®], RENYCLE[®], RADITER[®], HERAMID[®], HERAFORM[®], HERAFLEX[®], RADILENE[®], TORZEN[®], RADITECK[®]

do not contain, as intentionally added raw materials or as expected process impurities, the following restricted chemical substances under TSCA section (5)¹:

Substance	CAS No.
Hexachlorobutadiene (HCBd)	87-68-3
Octanoyl fluoride, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-	335-66-0
Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro- (PFOA).	335-67-1
Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, silver (+) salt (1:1).	335-93-3
Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, sodium salt (1:1).	335-95-5
Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, potassium salt (1:1).	2395-00-8
Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, ammonium salt (1:1) (APFO).	3825-26-1
Octane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-8-iodo-	507-63-1
1-Decanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-	678-39-7
1-Dodecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuoro-	865-86-1
Decane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-10-iodo-	2043-53-0
Dodecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-heneicosafuoro-12-iodo-	2043-54-1
2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafuorododecyl ester.	17741-60-5
2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl ester	27905-45-9
Tetradecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12-pentacosafuoro-14-iodo-	30046-31-2
1-Tetradecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafuoro-	39239-77-5
1-Hexadecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,16-nonacosafuoro-	60699-51-6
Hexadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14-nonacosafuoro-16-iodo-	65510-55-6
Ethanol, 2,2'-iminobis-, compd. with .alpha.-fluoro-.omega.-[2-(phosphonoxy)ethyl]poly(difluoromethylene) (2:1)	65530-63-4
Ethanol, 2,2'-iminobis-, compd. with .alpha.,.alpha.'-[phosphinicobis(oxy-2,1-ethanediy)]bis[.omega.-fluoropoly(difluoromethylene)] (1:1)	65530-64-5
Poly(difluoromethylene), .alpha.-[2-[(2-carboxyethyl)thio]ethyl]-.omega.-fluoro-, lithium salt (1:1)	65530-69-0
Poly(difluoromethylene), .alpha.,.alpha.'-[phosphinicobis(oxy-2,1-ethanediy)]bis[.omega.-fluoro-,	65530-70-3

¹ [Federal Register :: Long-Chain Perfluoroalkyl Carboxylate and Perfluoroalkyl Sulfonate Chemical Substances; Significant New Use Rule](#)

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Reg. Imp. Bergamo 00917130163

Società soggetta alla attività di direzione e coordinamento, ex art. 2497 c.c. e seguenti, di RADICIFIN S.A.P.A. di Paolo Partecipazioni S.r.l. unip. Angelo Radici Partecipazioni S.r.l. unip. Maurizio Radici Partecipazioni S.r.l. unip., con sede in Bergamo.

ammonium salt (1:1)	
Poly(difluoromethylene), .alpha.-fluoro-.omega.-[2-(phosphonooxy)ethyl]-, ammonium salt (1:1)	65530-71-4
Poly(difluoromethylene), .alpha.-fluoro-.omega.-[2-(phosphonooxy)ethyl]-, ammonium salt (1:2)	65530-72-5
Ethanol, 2,2'-iminobis-, compd. with .alpha.-fluoro-.omega.-[2-(phosphonooxy)ethyl]poly(difluoromethylene) (1:1)	65530-74-7
Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy-, ether with .alpha.-fluoro-.omega.-[2-(hydroxyethyl)poly(difluoromethylene) (1:1)	65545-80-4
1-Propanesulfonic acid, 2-methyl-, 2-[[1-oxo-3-[(.gamma.-omega.-perfluoro- C4-16-alkyl)thio]propyl]amino] derivs., sodium salts	68187-47-3
Alcohols, C8-14, .gamma.-omega.-perfluoro.	68391-08-2
Thiols, C8-20, .gamma.-omega.-perfluoro, telomers with acrylamide.	70969-47-0
Silane, trichloro(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)-	78560-44-8
Silicic acid (H4SiO4), sodium salt (1:2), reaction products with chlorotrimethylsilane and 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-1-decanol.	125476-71-3
Thiols, C4-20, .gamma.-omega.-perfluoro, telomers with acrylamide and acrylic acid, sodium salts.	1078712-88-5
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-[2-[(.gamma.-omega.-perfluoro-C4-20-a lky)thio]acetyl] derivs., inner salts.	1078715-61-3

Since the presence of the chemicals referred to above is not reasonably foreseeable, no specific analysis is performed regularly on our standard products in order to verify the presence and content of the same substances.

Every further information concerning chemical properties and composition of our grades are well described in the corresponding SDS, we kindly invite You to ask to our Customer Service (info.plastics@radicigroup.com) in the case of needs.

Best regards,

RADICIGROUP High Performance Polymers
Product Stewardship & Regulatory Affairs Leader

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RADICIGROUP High Performance Polymers

Nicolangelo Peduto



Global R&D Product Innovation Manager

Important:

This information relates only to the above mentioned materials as delivered in their original packaging. It does not relate to any product made of these materials with or without the inclusion of further additives, such as processing aids or colorants.

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