PALL PALL CORPORATION

Subject: Notification of Pall Corporation's Allegro™ single-use systems with component article containing an SVHC (Substance of Very High Concern) in excess of 0.1%

Reference: European REACH Regulations (EC 1907/2006), plus UK implementation statues, and amendments in respect of ECHA SVHC levels in articles and component articles supplied by Pall Corporation.

Silicone based materials are heavily used throughout the biotech industry as elastomeric seals, gaskets, and tubing. On June 27, 2018 decision ED/61/2018 was published by the European Chemicals Agency (ECHA) which added 3 cyclo-siloxane compounds to the European REACH Annex XIV 'Candidate list of substances of very high concern'. These cyclo-siloxane compounds, D4, D5 and D6 being commonly used in the production of silicone-based materials.

Name	CAS Number
Octamethylcyclotetrasiloxane (D4)	556-67-2
Decamethylcyclopentasiloxane (D5)	541-02-6
Dodecamethylcyclohexasiloxane (D6)	540-97-6

Allegro single-use systems are considered 'complex objects', as provided to our customers in the European Economic Area (EEA) and United Kingdom (UK). Please be aware that some Allegro single-use systems incorporate 'component articles' where our suppliers have advised the component contains a silicone material with one of more of D4, D5, D6 siloxanes above the 0.1% level. The identified component articles are certain brands of silicone tubing, silicone O-rings, silicone gaskets, connectors, and aseptic connectors with silicone gaskets and silicone O-rings.

As of January 5, 2021, Pall Corporation has provided entries for those Allegro single-use systems employing component articles with a REACH SVHC above 0.1% in the ECHA SCIP database – see https://echa.europa.eu/scip. This is in line with the requirements of Waste Framework Directive 2008/98/EC Article 9(1)(i) as amended by 2018/851/EU.

Pall Corporation has also notified Allegro customers of this action in a customer notification letter, reference number CN-RPII-BURQKN dated November 16, 2020. The customer notification letter also advised that Allegro single-use system labels would be updated to include a link to a regulatory letter (this letter). The label update action has also been completed.

For your reference, Addendum 1 to this letter contains a listing of the ECHA SCIP database entry numbers made by Pall Corporation alongside a description of the applicable component articles in the "Primary Article Identifier" field of SCIP. To check if your specific Allegro single-use system part number is covered by an entry, please consult the field marked "Other article Identifier" within the ECHA SCIP database, where the impacted Allegro single-use system part numbers (subject to that entry) have been listed. Alternatively, you can consult your Allegro single-use system drawing(s) for the component part numbers used in that system(s).

Addendum 2 to this letter contains a listing of all component part numbers which have been entered into the ECHA SCIP database. Please note that Addendum 2 is complete as of the date of this letter but is subject to continuous review as new supplier information is received or new components require additional entries into the ECHA SCIP database. We will update this letter on a periodic basis, but you should consider the ECHA SCIP database as the primary and most up-to-date source of information.

Pall Corporation wishes to advise you that the current REACH regulation does not impose restrictions on the use of silicone-based articles, containing D4, D5, D6 siloxanes, in biopharmaceutical production use. However, the REACH regulation does obligate all manufactures or importers of such articles, operating within the EEA or UK, to communicate the presence of these substances if above the 0.1% level to their customer. Pall Corporation has taken steps to notify with respect to Allegro single-use systems, in order to comply with this aspect of the REACH regulation.

Prepared by: Pall Quality Assurance and Regulatory Affairs

Date of Issue: March 03, 2022

To the best of our knowledge this information is accurate as of the date of issuance. However, these statements are subject to change as new information becomes available. We recommend that you periodically confirm this information.

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Addendum 1:
Pall Corporation SCIP entry tracker

Description in SCIP	SCIP Number
Pall Customised Disposable System with Silicone Tube Type 4 (Combination 1)	064110c6-6759-4390-ac45-3039ff324271
Pall Customised Disposable System with Silicone Tube Type 4 and O Ring (Combination 1, 13)	22a3eb04-5e46-4839-be40-1390645b2d9e
Pall Customised Disposable System with Silicone Tube Type 4, O Ring and Silicone Tube Type 3 (Combination 1, 13, 14)	89699715-67cf-40af-8788-010c00aa3115
Pall Customised Disposable System with Silicone Tube Type 4, O Ring and Silicone Tube Type 3 and Kleenpak® Presto sterile connector (Combination 1, 13, 14, 24)	3ecb2d8b-48d9-4fb3-ab60-9dbcd28e7454
Pall Customised Disposable System with Silicone Tube Type 4 and Silicone Tube Type 3 (Combination 1, 14)	323946ae-6399-4e2e-93e8-0c6b8ba2f74b
Pall Customised Disposable System with Silicone Tube Type 4 and Silicone Tube Type 3 and Silicone Tube Type 5 (Combination 1, 14, 22)	9b8fa841-3fe3-469c-abb5-256cc1b8a52b
Pall Customised Disposable System with Silicone Tube Type 4 and Silicone Tube Type 3 and Kleenpak® Presto sterile connector (Combination 1, 14, 24)	4633bda7-4201-491e-bf7f-90b14c8a3e58
Pall Customised Disposable System with Silicone Tube Type 4 and Silicone Tube Type 3 and Connector Type 2 (Combination 1, 14, 25)	1a8feecf-1ac9-42f3-b5a8-94b6e0034ced
Pall Customised Disposable System with Silicone Tube Type 4, Silicone Tube Assembly (Combination 1, 16)	ab35879c-cba5-4f9d-93ee-0b3e66e80244
Pall Customised Disposable System with Silicone Tube Type 4, Stopper assembly (Combination 1, 18)	8460df40-b460-4ffc-a2a5-977192a45ac8
Pall Customised Disposable System with Silicone Tube Type 4, Check Valve (Combination 1, 21)	69cef7f0-21e5-44f6-9ad0-2f86f961e200
Pall Customised Disposable System with Silicone Tube Type 4 and Silicone Tube Type 5 (Combination 1, 22)	93ba1eec-22cf-4828-8c16-def95365f3aa
Pall Customised Disposable System with Silicone Tube Type 4 and Silicone Tube Type 5 and Kleenpak® Presto sterile connector (Combination 1, 22, 24)	1d527a9f-e7ca-4958-b0e5-e1acfb19e4d8

Pall Customised Disposable System with Silicone Tube Type 4 and Silicone Tube Type 5 and Connector Type 2 (Combination 1, 22, 25)	c6fd8302-f1b2-4fb3-bd1d-4e5903bb6196
Pall Customised Disposable System with Silicone Tube Type 4 and Kleenpak® Presto sterile connector (Combination 1, 24)	6867cb74-10a1-43a0-95dc-46a9bbefbfa4
Pall Customised Disposable System with Silicone Tube Type 4 and Kleenpak® Presto sterile connector and Connector Type 2 (Combination 1, 24, 25)	b44adef1-9127-4f60-83c1-62b639302d07
Pall Customised Disposable System with Silicone Tube Type 4 and Connector Type 2 (Combination 1, 25)	cf26650b-dd67-459e-962e-55e316c896e5
Pall Customised Disposable System with Silicone Tube Type 4 and Sanitary Connector (Combination 1, 4)	94fb3002-e277-40e0-bc24-a496bdc4c5b4
Pall Customised Disposable System with Silicone Tube Type 4, Sanitary Connector and O-ring (Combination 1, 4, 13)	f6a95e4a-1609-4b8b-9438-849d68841e75
Pall Customised Disposable System with Silicone Tube Type 4, Sanitary Connector, O ring and Silicone Tube Type 3 (combination 1, 4, 13, 14)	ae60916c-f6d0-4b8c-8707-de5cbbbab02f
Pall Customised Disposable System with Silicone Tube Type 4, Sanitary Connector and Silicone Tube Type 3 (Combination 1, 4, 14)	138d8932-14d6-4936-9811-c3c6103f506f
Pall Customised Disposable System with Silicone Tube Type 4, Sanitary Connector and Silicone Tube Type 3 and Connector Type 2 (Combination 1, 4, 14, 25)	cef8cd66-5f21-49ff-a0de-8228dcb47614
Pall Customised Disposable System with Silicone Tube Type 4 and Sanitary Connector and Silicone Tube Type 5 (Combination 1, 4, 22)	86daf3a4-7c85-4813-9ae1-a48688a278a3
Pall Customised Disposable System with Silicone Tube Type 4 and Sanitary Connector and Silicone Tube Type 5 and Connector Type 2 (Combination 1, 4, 22, 25)	6773697e-4e3a-4abd-8187-1151b17b391c
Pall Customised Disposable System with Silicone Tube Type 4 and Sanitary Connector and Connector Type 2 (Combination 1, 4, 25)	3ccc8d2e-6a19-45d9-8720-627e702be8ac
Pall Customised Disposable System with Silicone Tube Type 4, Sanitary Connector and Silicone Tube Type 2 (Combination 1, 4, 8)	dea2e514-196a-4ba2-ba58-35382ef5d4c6
Pall Customised Disposable System with Silicone Tube type 4, Sanitary Connector, Silicone Tube Type 2 and O ring (Combination 1, 4, 8, 13)	6b19c9e7-fb97-4c1a-bb63-a25bcb5d9281

Pall Customised Disposable System with Silicone Tube type 4, Sanitary Connector, Silicone Tube Type 2, O ring and Silicone Tube Type 3 (Combination 1, 4, 8, 13, 14)	768b1467-284f-45ed-9b50-4fc21e5aa551
Pall Customised Disposable System with Silicone Tube Type 4, Sanitary Connector and Silicone Tube Type 2 and Silicone Tube Type 5 and Connector Type 2 (Combination 1, 4, 8, 22, 25)	bf3b2888-b815-4a40-a7c6-556b98d23ab7
Pall Customised Disposable System with Silicone Tube Type 4, Sanitary Connector and Silicone Tube Type 2 and Connector Type 2 (Combination 1, 4, 8, 25)	67f3b83e-c590-43a4-84db-f7067e97f5f1
Pall Customised Disposable System with Silicone Tube Type 4, Sanitary Connector, Silicone Tube Type 2 and Braided Tubing (Combination 1, 4, 8, 9)	952f201f-bc61-479f-9fe8-95a50fad677e
Pall Customised Disposable System with Silicone Tube type 4, Sanitary Connector, Silicone Tube Type 2, Braided Tubing and O ring (Combination 1, 4, 8, 9, 13)	4683033f-ad18-46ac-a1b1-4fd94c839c26
Pall Customised Disposable System with Silicone Tube Type 4, Sanitary Connector, Silicone Tube Type 2 and Braided Tubing and Silicone Tube Type 5 (Combination 1, 4, 8, 9, 22)	1d075daf-ee1f-44bb-9989-536bf911079a
Pall Customised Disposable System with Silicone Tube Type 4, Sanitary Connector, Silicone Tube Type 2 and Braided Tubing and Kleenpak® Presto sterile connector (Combination 1, 4, 8, 9, 24)	53bea17a-bc09-4e8a-a3b4-0294149454c9
Pall Customised Disposable System with Silicone Tube Type 4, Sanitary Connector, Silicone Tube Type 2 and Braided Tubing and Kleenpak® Presto sterile connector and Connector Type 2 (Combination 1, 4, 8, 9, 24, 25)	f66de840-3f25-4cd7-9065-3176d0e0c7e8
Pall Customised Disposable System with Silicone Tube Type 4, Sanitary Connector and Braided Tubing (Combination 1, 4, 9)	c8d92b3c-82f5-4cd9-bfa6-87f548819772
Pall Customised Disposable System with Silicone Tube Type 4 and Silicone Tube Type 2 (Combination 1, 8)	0ef75f46-23e8-49dd-9593-29ea25cae4a6
Pall Customised Disposable System with Silicone Tube Type 4, Silicone Tube Type 2 and O Ring and Silicone Tube Type 5 and Connector Type 2 (Combination 1, 8, 13, 22, 25)	ae8e946e-50e8-4fbf-a65e-17e5f19c02a6

Pall Customised Disposable System with Silicone Tube Type 4, Silicone Tube Type 2 and O Ring and Kleenpak® Presto sterile connector (Combination 1, 8, 13, 24)	7cc83353-c63e-4a7f-8185-9283389b8cb8
Pall Customised Disposable System with Silicone Tube Type 4, Silicone Tube Type 2 and Silicone Tube Type 3 (Combination 1, 8, 14)	89ce9c91-1d07-4e8b-831e-2f3f7f9c1524
Pall Customised Disposable System with Silicone Tube Type 4 and Silicone Tube Type 2 and Silicone Tube Type 5(Combination 1, 8, 22)	ba7e07cf-8d51-4047-bfa3-4288d156f2af
Pall Customised Disposable System with Silicone Tube Type 4 and Silicone Tube Type 2 and Silicone Tube Type 5 and Connector Type 2 (Combination 1, 8, 22, 25)	cbef6838-b0aa-4bb2-b49a-6806281b56ba
Pall Customised Disposable System with Silicone Tube Type 4 and Silicone Tube Type 2 and Kleenpak® Presto sterile connector (Combination 1, 8, 24)	bc170624-98ee-4eb8-9c91-250bbc88d0cc
Pall Customised Disposable System with Silicone Tube Type 4 and Silicone Tube Type 2 and Kleenpak® Presto sterile connector and Connector Type 2 (Combination 1, 8, 24, 25)	f83530ef-0195-4b9f-b597-fa57e64fcbc4
Pall Customised Disposable System with Silicone Tube Type 4 and Silicone Tube Type 2 and Connector Type 2 (Combination 1, 8, 25)	1bbace73-59e6-408d-928f-464be5e158b6
Pall Customised Disposable System with Silicone Tube Type 4 , Silicone Tube Type 2 and Braided Tubing (Combination 1, 8, 9)	b3a46ba6-97b2-44c2-85d0-46dd1cb6ade9
Pall Customised Disposable System with Silicone Tube Type 4, Silicone Tube Type 2, Braided Tubing and Silicone Tube Type 3 (Combination 1, 8, 9, 14)	d556f946-af0a-4bd5-b125-f4375e8afc9d
Pall Customised Disposable System with Silicone Tube Type 4, Silicone Tube Type 2, Braided Tubing and Silicone Tube Type 3 and Silicone Tube Type 5(Combination 1, 8, 9, 14, 22)	26c0ef72-4ea2-465b-8bf9-230a93460e05
Pall Customised Disposable System with Silicone Tube Type 4 , Silicone Tube Type 2 and Braided Tubing and Silicone Tube Type 5 (Combination 1, 8, 9, 22)	d556f946-af0a-4bd5-b125-f4375e8afc9d
Pall Customised Disposable System with Silicone Tube Type 4 , Silicone Tube Type 2 and Braided Tubing and Kleenpak® Presto sterile connector (Combination 1, 8, 9, 24)	23301cc9-8898-4298-9d1c-f1973c604732

Pall Customised Disposable System with Silicone Tube Type 4 , Silicone Tube Type 2 and Braided Tubing and Connector Type 2 (Combination 1, 8, 9, 25)	**151005e5-6559-47d3-b766-27f91a51a53d**
Pall Customised Disposable System with Silicone Tube Type 4 and Braided Tubing (Combination 1, 9)	**959ee2c3-9b03-46a5-b78c-bf0e812bb27d**
Pall Customised Disposable System with Silicone Tube Type 4 and Braided Tubing with O ring and Silicone Tube Type 3 and Kleenpak® Presto sterile connector (Combination 1, 9, 13, 14, 24)	**b7559351-5de9-48f1-926a-b7d11d775c57**
Pall Customised Disposable System with Tube Assembly (Combination 12)	**951f72a2-e930-42f9-928b-143c14329b4d**
Pall Customised Disposable System with O Ring (Combination 13)	**f3d36899-643b-42fb-8cfd-12fafbd0e16d**
Pall Customised Disposable System with O ring and Silicone Tube Type 3 (Combination 13, 14)	**1f72f133-7d94-4d27-92fd-7afde3b6352f**
Pall Customised Disposable System with O ring and Silicone Tube Type 3 and Kleenpak® Presto sterile connector (Combination 13, 14, 24)	**70917733-9fed-4550-be11-269729daef04**
Pall Customised Disposable System with O ring and Kleenpak® Presto sterile connector (Combination 13, 24)	**5ea9df3c-f5fb-4cf6-9013-fcc35ae118bc**
Pall Customised Disposable System with O ring and Kleenpak® Presto sterile connector and Connector Type 2 (Combination 13, 24, 25)	**d22f2369-f982-4eb0-b629-1edb27190be4**
Pall Customised Disposable System with O ring and Connector Type 2 (Combination 13, 25)	**12e59684-115e-478f-a393-165aa5bcd595**
Pall Customised Disposable System with Silicone Tube Type 3 (Combination 14)	**54702ff0-61b8-4bdd-8520-2868e425e325**
Pall Customised Disposable System with Silicone Tube Type 3 and Kleenpak® Presto sterile connector (Combination 14, 24)	**7b6c0ccc-5470-43e8-8dc2-613d7dc7aec0**
Pall Customised Disposable System with Silicone Tube Type 3 and Kleenpak® Presto sterile connector and Connector Type 2 (Combination 14, 24, 25)	**bd655941-69ad-4a05-9305-f6b16f342ea5**
Pall Customised Disposable System with Silicone Tube Type 3 and Connector Type 2 (Combination 14, 25)	**30e05f5a-eee0-433a-b67a-b71bc730793d**
Pall Customised Disposable System with Liner (Combination 15)	**f432ae8f-ba96-41ea-88d4-4a6890c57920**
Pall Customised Disposable System with Liner and Kleenpak® Presto sterile connector (Combination 15, 24)	**ce07d015-1994-4048-a06b-1e8f773454b3**

Pall Customised Disposable System with Liner and Probe Adapter Type 2 and Plug (Combination 15, 27, 28)	53e558b6-b938-413e-89ce-a22e87ca03ee
Pall Customised Disposable System with Silicone Tube Assembly (Combination 16)	59c72921-5fab-4274-ad30-ef97dff4edf6
Pall Customised Disposable System with Silicone Tube Assembly and Kleenpak® Presto sterile connector (Combination 16, 24)	c16a5bc9-c5c7-4370-8fa8-9f12c2754f00
Pall Customised Disposable System with Caps (Combination 17)	8ff9d9e7-889c-41e0-b2ad-52df821ce161
Pall Customised Disposable System with Silicone Gasket (Combination 19)	955b712e-7e23-45a7-a3da-c4dfb4d5b978
Pall Customised Disposable System with Aseptic, Quick Connector (Combination 2)	affdc080-8e14-4c25-a1bd-eb38a2f68e40
Pall Customised Disposable System with Aseptic, Quick Connector and Silicone Tube Type 2 (Combination 2, 8)	01f6655a-eb8a-4df1-8602-209058368b97
Pall Customised Disposable System with Aseptic, Quick Connector, Silicone Tube Type 2 and O ring (Combination 2, 8, 13)	257ca5ff-e1eb-4aa4-90a0-baef1cebfb7d
Pall Customised Disposable System with Aseptic, Quick Connector, Silicone Tube Type 2 and O ring and Connector Type 2 (Combination 2, 8, 13, 25)	c8df70a7-8567-4daa-bc31-600c2c94e6b1
Pall Customised Disposable System with Aseptic, Quick Connector and Silicone Tube Type 2 and Braided Tubing (Combination 2, 8, 9)	bafd02d8-bc4d-45ec-b6c0-249e2c4fee7c
Pall Customised Disposable System with Aseptic, Quick Connector, Silicone Tube Type 2, Braided Tubing and O ring (Combination 2, 8, 9, 13)	e602f629-dde4-49a4-b192-d1cc1f27ace1
Pall Customised Disposable System with Aseptic, Quick Connector and Braided Tubing (Combination 2, 9)	c27243de-3b6a-4e22-88e3-99bd66a36b23
Pall Customised Disposable System with Aseptic, Quick Connector, Braided Tubing and O ring (Combination 2, 9, 13)	dd672679-ad5e-466f-ab55-abfa8931afd2
Pall Customised Disposable System with Silicone Gasket Type 2 (Combination 20)	9c2855b3-8b01-4c1e-8abb-d63fcb5ec0be
Pall Customised Disposable System with Silicone Check Valve (Combination 21)	7337f531-e628-4f48-a887-2a61cc7cdc03
Pall Customised Disposable System with Silicone Check Valve and Kleenpak® Presto sterile connector (Combination 21, 24)	387481f3-ab9a-4a29-b75e-ec37ba9787d8
Pall Customised Disposable System with Silicone Tube Type 5 (Combination 22)	7dde25d8-eb4d-4d40-aed1-3ec727d64ebb

Pall Customised Disposable System with Silicone Tube Type 5 and Kleenpak® Presto sterile connector (Combination 22, 24)	ebe9bcf3-150b-4a1a-a1bf-b91138fd6acf
Pall Customised Disposable System with Silicone Tube Type 5 and Kleenpak® Presto sterile connector and Connector Type 2 (Combination 22, 24, 25)	2405773e-82f9-487a-b41d-4a38ade7ba1f
Pall Customised Disposable System with Silicone Tube Type 5 and Connector Type 2 (Combination 22, 25)	d36c2cef-9494-43b1-a2c9-98fba95f38a8
Pall Customised Disposable System with Silicone Tube Type 6 (Combination 23)	dd1347e1-d06a-40d2-a5d4-de2b176d3ba0
Pall Customised Disposable System with Silicone Tube Type 6 and Kleenpak® Presto sterile connector (Combination 23, 24)	7ddf531d-a76a-4d2c-8dab-649e965fc3b7
Pall Customised Disposable System with Kleenpak® Presto sterile connector (Combination 24)	a306dab9-b2aa-422e-90e1-aed37ce40030
Pall Customised Disposable System with Kleenpak® Presto sterile connector and Connector Type 2 (Combination 24, 25)	108caea3-5498-4251-bbc9-b743c9c0de2e
Pall Customised Disposable System with Connector Type 2 (Combination 25)	4e06ca65-9cec-46b5-9da2-cedc60fba965
Pall Customised Disposable System with Probe Adapter Type 2 and Plug (Combination 27, 28)	49e576f5-dbd8-4d6e-94e4-02587dfb7649
Pall Customised Disposable System with Sanitary Connector (Combination 4)	e31223cb-529d-45ce-bd8c-50e57562b5bb
Pall Customised Disposable System with Sanitary Connector and O ring (Combination 4, 13)	dc41dfdc-02f0-4f30-ab50-2970ed224273
Pall Customised Disposable System with Sanitary Connector and O ring and Kleenpak® Presto sterile connector (Combination 4, 13, 24)	46f73c32-836a-4ee7-83c7-337c68c156eb
Pall Customised Disposable System with Sanitary Connector and O ring and Connector Type 2 (Combination 4, 13, 25)	b2a3ef45-e2c0-4856-8b68-235d6465dffd
Pall Customised Disposable System with Sanitary Connector and Silicone Tube Type 3 (Combination 4, 14)	3935f2aa-1daf-4f07-8915-e23247578231
Pall Customised Disposable System with Sanitary Connector and Silicone Tube Type 3 and Silicone Tube Type 5 and Connector Type 2(Combination 4, 14, 22, 25)	818a0a8a-50fa-4f68-87fb-4564e4686e61

Pall Customised Disposable System with Sanitary Connector and Silicone Tube Type 3 and Kleenpak® Presto sterile connector (Combination 4, 14, 24)	db52278a-ee34-4a55-a058-9bd90c93b0e9
Pall Customised Disposable System with Sanitary Connector and Silicone Tube Type 3 and Connector Type 2 (Combination 4, 14, 25)	f5499794-38c0-4ef4-863f-ddae36c391f0
Pall Customised Disposable System with Sanitary Connector and Liner and Probe Adapter Type 2 and Plug (Combination 4, 15, 27, 28)	a6e8f351-58f4-4670-9225-c103a21342c6
Pall Customised Disposable System with Sanitary Connector and Silicone Tube Assembly (Combination 4, 16)	be124145-f303-4ce6-beca-d51b2b55ffe8
Pall Customised Disposable System with Sanitary Connector and Silicone Tube Type 5 (Combination 4, 22)	6b6de807-f210-4415-b452-c7ad24c6bb3b
Pall Customised Disposable System with Sanitary Connector and Silicone Tube Type 5 and Connector Type 2 (Combination 4, 22, 25)	4c2200f7-9418-48e9-b9a6-8700da3e1b08
Pall Customised Disposable System with Sanitary Connector and Kleenpak® Presto sterile connector (Combination 4, 24)	59097177-ebc8-441c-a740-3d1defd9a481
Pall Customised Disposable System with Sanitary Connector and Kleenpak® Presto sterile connector and Connector Type 2 (Combination 4, 24, 25)	b0ad2a2b-87ca-476f-a5e3-4e16d4fd1079
Pall Customised Disposable System with Sanitary Connector, Kleenpak® Presto sterile connector, Probe Adapter Type 2 and Plug (Combination 4, 24, 27, 28)	e853a370-d309-49b6-ad10-ea9cd4ecd257
Pall Customised Disposable System with Sanitary Connector and Connector Type 2 (Combination 4, 25)	1ee1332b-c329-4aba-a634-b0a85e67c075
Pall Customised Disposable System with Sanitary Connector and Silicone Tube Type 2 (Combination 4, 8)	a11f75c1-07c7-4d8c-861d-21ec141d07b8
Pall Customised Disposable System with Sanitary Connector, Silicone Tube Type 2 and O ring (Combination 4, 8, 13)	bd29ee0e-062e-49cc-8f7f-a74a9a9825f0
Pall Customised Disposable System with Sanitary Connector, Silicone Tube Type 2, O ring and Silicone Tube Type 3 (Combination 4, 8, 13, 14)	376e9c25-a1b1-4f1f-920d-327e76375978

Pall Customised Disposable System with Sanitary Connector, Silicone Tube Type 2, O ring and Silicone Tube Type 3 and Kleenpak® Presto sterile connector (Combination 4, 8, 13, 14, 24)	acd2eebd-855c-411d-82e3-6a8bd6a77d0e
Pall Customised Disposable System with Sanitary Connector, Silicone Tube Type 2 and O ring and Kleenpak® Presto sterile connector (Combination 4, 8, 13, 24)	7f7be589-7dbd-40d8-b0c8-1b9aa3cd0a01
Pall Customised Disposable System with Sanitary Connector, Silicone Tube Type 2 and O ring and Connector Type 2 (Combination 4, 8, 13, 25)	c5d20eef-885e-4150-ad89-8f8d29307987
Pall Customised Disposable System with Sanitary Connector, Silicone Tube Type 2 and Silicone Tube Type 3 (Combination 4, 8, 14)	30bcc333-a23d-4885-bb85-012e5e66800e
Pall Customised Disposable System with Sanitary Connector, Silicone Tube Type 2 and Silicone Tube Type 3 and Connector Type 2 (Combination 4, 8, 14, 25)	e1c8e161-6814-40a4-820e-1d78c66dd683
Pall Customised Disposable System with Sanitary Connector, Silicone Tube Type 2 and Liner (Combination 4, 8, 15)	1d9ec15b-9619-4c07-be9c-6a508d92c2d7
Pall Customised Disposable System with Sanitary Connector, Silicone Tube Type 2 and Liner and Kleenpak® Presto sterile connector (Combination 4, 8, 15, 24)	488d8d23-fd00-4b4f-8608-636006a6e31a
Pall Customised Disposable System with Sanitary Connector, Silicone Tube Type 2 and Caps (Combination 4, 8, 17)	67c537d3-2eaa-41c3-b74c-5c85b2b54aae
Pall Customised Disposable System with Sanitary Connector and Silicone Tube Type 2 and Silicone Tube Type 5 (Combination 4, 8, 22)	2375d743-4317-4d07-8c3d-4423c1ad622d
Pall Customised Disposable System with Sanitary Connector and Silicone Tube Type 2 and Silicone Tube Type 5 and Kleenpak® Presto sterile connector (Combination 4, 8, 22, 24)	a826846c-fb3a-4c3d-8c1f-3c047fe542c5
Pall Customised Disposable System with Sanitary Connector and Silicone Tube Type 2 and Silicone Tube Type 5 and Kleenpak® Presto sterile connector and Connector Type 2 (Combination 4, 8, 22, 24, 25)	6a99b950-21c4-4c56-a195-f9b6c4495aea
Pall Customised Disposable System with Sanitary Connector and Silicone Tube Type 2 and Silicone Tube Type 5 and Connector Type 2 (Combination 4, 8, 22, 25)	7cb24194-5e26-4054-bf48-a5c35d5694d8

Pall Customised Disposable System with Sanitary Connector and Silicone Tube Type 2 and Kleenpak® Presto sterile connector (Combination 4, 8, 24)	c6fb27c7-66ae-4f48-8d46-043bcddb6ac7
Pall Customised Disposable System with Sanitary Connector and Silicone Tube Type 2 and Kleenpak® Presto sterile connector and Connector Type 2 (Combination 4, 8, 24, 25)	1545212b-c554-409b-8b38-ff7a225be45a
Pall Customised Disposable System with Sanitary Connector and Silicone Tube Type 2 and Connector Type 2 (Combination 4, 8, 25)	31490aa4-eb60-4081-9b0c-a5b370de7d50
Pall Customised Disposable System with Sanitary Connector, Silicone Tube Type 2 and Braided Tubing (Combination 4, 8, 9)	45fd56f4-4f20-46ad-853d-76a3dc5d635e
Pall Customised Disposable System with Sanitary Connector, Silicone Tube Type 2, Braided Tubing and O ring (Combination 4, 8, 9, 13)	c8135a51-5e07-4f05-bc0d-ad541b2c3e29
Pall Customised Disposable System with Sanitary Connector, Silicone Tube Type 2, Braided Tubing and Silicone Tube Type 3 and Kleenpak® Presto sterile connector (combination 4, 8, 9, 14, 24)	8e6e00e9-0d39-46f5-8e8c-2888e6b2b55b
Pall Customised Disposable System with Sanitary Connector, Silicone Tube Type 2, Braided Tubing and Silicone Tube Type 3 and Connector Type 2 (combination 4, 8, 9, 14, 25)	cd9df0c1-1acc-4166-8bd5-8b29f630f97d
Pall Customised Disposable System with Sanitary Connector, Silicone Tube Type 2, Braided Tubing and Liner and Kleenpak® Presto sterile connector (Combination 4, 8, 9, 15, 24)	3255bfbd-045f-46ae-b475-60b30ac04349
Pall Customised Disposable System with Sanitary Connector, Silicone Tube Type 2, Braided tubing and Caps (Combination 4, 8, 9, 17)	7d16be1e-985f-44c4-b4df-26ea74d57e56
Pall Customised Disposable System with Sanitary Connector, Silicone Tube Type 2, Braided tubing and Silicone Gasket Type 2 (Combination 4, 8, 9, 20)	199c9634-8b83-4d64-99f2-79538214ae90
Pall Customised Disposable System with Sanitary Connector, Silicone Tube Type 2, Braided tubing and Silicone Tube Type 5 (Combination 4, 8, 9, 22)	54397aaa-84a0-48e8-92ac-772d228cb6b8
Pall Customised Disposable System with Sanitary Connector, Silicone Tube Type 2, Braided Tubing and Kleenpak® Presto sterile connector (combination 4, 8, 9, 24)	007fb3df-1f41-404d-ace1-876a87e8a893

Pall Customised Disposable System with Sanitary Connector, Silicone Tube Type 2, Braided Tubing and Connector Type 2 (combination 4, 8, 9, 25)	2c6cb76c-437d-4c21-b1c6-a78a7a412e5b
Pall Customised Disposable System with Sanitary Connector and Braided Tubing (Combination 4, 9)	2213a017-1755-4ef3-85a2-cc7ff39409de
Pall Customised Disposable System with Sanitary Connector, Braided Tubing and O ring (Combination 4, 9, 13)	0566886b-0e73-4ec6-81ba-e2ea8ce103e7
Pall Customised Disposable System with Sanitary Connector, Braided Tubing and Liner (Combination 4, 9, 15)	47e4ef05-a337-4e79-b4ae-bfbd5def8981
Pall Customised Disposable System with Sanitary Connector, Braided Tubing and Liner and Kleenpak® Presto sterile connector (Combination 4, 9, 15, 24)	4c0a386b-fee0-45df-9861-3234fab20cb6
Pall Customised Disposable System with Sanitary Connector and Braided Tubing and Kleenpak® Presto sterile connector (Combination 4, 9, 24)	37ab1175-f3e1-4b1b-930e-ff23fb4f377e
Pall Customised Disposable System with Sanitary Connector and Braided Tubing and Connector Type 2 (Combination 4, 9, 25)	f96726d7-8ca5-4280-8fb0-37aa9e42b3b9
Pall Customised Disposable System with Sanitary Connector and Braided Tubing and Probe Adapter Type 2 and Plug (Combination 4, 9, 27, 28)	69c9ec10-171a-4694-921c-697f626b5819
Pall Customised Disposable System with Silicone Tube Type 2 (Combination 8)	5a50a290-d685-40be-914e-9afc970dd8d0
Pall Customised Disposable System with Silicone Tube Type 2 and Tube Type 1 (Combination 8, 10)	e5b49a47-51c5-4109-abbc-e3e922c29153
Pall Customised Disposable System with Silcone Tube Type 2 and Tube Assembly (Combination 8, 12)	866cbcb6-999d-4767-b4ff-ea0c8e5b2f90
Pall Customised Disposable System with Silicone Tube Type 2 and O ring (Combination 8, 13)	4ea04dcb-f585-40fa-955f-940b2079be52
Pall Customised Disposable System with Silicone Tube Type 2, O ring and Silicone Tube Type 3 (Combination 8, 13,14)	2f4fced7-32c4-455b-ac4e-9dd57904a225
Pall Customised Disposable System with Silicone Tube Type 2, O ring and Silicone Tube Type 3 and Kleenpak® Presto sterile connector (Combination 8, 13, 14, 24)	90e75820-9c40-45c7-b6d3-f5bfdb485373

Pall Customised Disposable System with Silicone Tube Type 2, O ring and Silicone Gasket Type 2 (Combination 8, 13,20)	2dfca02f-466a-4dd9-a23b-dc4c85f9c703
Pall Customised Disposable System with Silicone Tube Type 2, O ring and Silicone Gasket Type 2 and Kleenpak® Presto sterile connector (Combination 8, 13, 20, 24)	20084f3e-fc27-4539-9ff5-a37fb3d6bebd
Pall Customised Disposable System with Silicone Tube Type 2 and O ring and Kleenpak® Presto sterile connector (Combination 8, 13, 24)	f5cddbb0-99de-4fe7-a637-fd3f9ac91fdb
Pall Customised Disposable System with Silicone Tube Type 2 and O ring and Connector Type 2 (Combination 8, 13, 25)	b0344419-5a36-4367-ac10-a6410c82cf17
Pall Customised Disposable System with Silicone Tube Type 2 and Silicone Tube Type 3 (Combination 8, 14)	2f69946d-dc70-4906-8a25-d1c4c7176dde
Pall Customised Disposable System with Silicone Tube Type 2 and Silicone Tube Type 3 and Kleenpak® Presto sterile connector (Combination 8, 14, 24)	e56cc27a-511b-4060-a60b-099898fbab1e
Pall Customised Disposable System with Silicone Tube Type 2 and Silicone Tube Type 3 and Kleenpak® Presto sterile connector and Connector Type 2 (Combination 8, 14, 24, 25)	aaec013f-5096-4458-9879-c6b0e938b088
Pall Customised Disposable System with Silicone Tube Type 2 and Silicone Tube Type 3 and Connector Type 2 (Combination 8, 14, 25)	f57084b1-f49d-4e0a-9f1c-c3c2e5e4fcd3
Pall Customised Disposable System with Silicone Tube Type 2 and Liner (Combination 8, 15)	55be9d77-afdf-4b8a-8766-24ef8ea72ba3
Pall Customised Disposable System with Silicone Tube Type 2 and Liner and Kleenpak® Presto sterile connector (Combination 8, 15, 24)	261e8ab1-1878-4be0-9968-92680d219009
Pall Customised Disposable System with Silicone Tube Type 2 and Silicone Tube Assembly (Combination 8, 16)	1c3e17f5-a6f9-4a56-95e6-ee2785e9efad
Pall Customised Disposable System with Silicone Tube Type 2 and Caps (Combination 8, 17)	d7e34505-bbb2-4ae1-ba37-fedbacac9a24
Pall Customised Disposable System with Silicone Tube Type 2 and Caps and Kleenpak® Presto sterile connector (Combination 8, 17, 24)	9787639a-b718-4d2f-9974-f47d932f4b83
Pall Customised Disposable System with Silicone Tube Type 2 and Stopper Assembly (Combination 8, 18)	c087d0fa-b2a8-4201-b390-6ef873f5449f

Pall Customised Disposable System with Silicone Tube Type 2, Stopper assembly, and Caps (Combination 8, 18, 17)	6e53e609-bc4c-4f74-a0a7-e35f0225013c
Pall Customised Disposable System with Silicone Tube Type 2 and Silicone Gasket and Kleenpak® Presto sterile connector (Combination 8, 19, 24)	1ce291f3-f1de-421a-87c4-9fb9cbefcfff
Pall Customised Disposable System with Silicone Tube Type 2, and Silicone Gasket Type 2 (Combination 8, 20)	a3edeb5e-7009-46eb-9a34-f0e2396d8245
Pall Customised Disposable System with Silicone Tube Type 2, and Silicone Gasket Type 2 and Kleenpak® Presto sterile connector (Combination 8, 20, 24)	4a16afdc-1b11-4ed6-9ae2-3e16352cea03
Pall Customised Disposable System with Silicone Tube Type 2, and Check Valve (Combination 8,21)	9423eb98-d74e-4929-b338-b5a5d61dd778
Pall Customised Disposable System with Silicone Tube Type 2, and Check Valve and Kleenpak® Presto sterile connector (Combination 8, 21, 24)	92b9d419-57d8-4fb2-a144-88bd337cbc7f
Pall Customised Disposable System with Silicone Tube Type 2 and Silicone Tube Type 5 (Combination 8, 22)	f4ce2e6f-c937-4184-8cef-1aea1ac60b18
Pall Customised Disposable System with Silicone Tube Type 2 and Silicone Tube Type 5 and Kleenpak® Presto sterile connector (Combination 8, 22, 24)	60fce800-223c-457c-9190-88fbe57eae94
Pall Customised Disposable System with Silicone Tube Type 2 and Silicone Tube Type 5 and Connector Type 2 (Combination 8, 22, 25)	bcefb056-f179-4ea2-87bd-8246d8e24630
Pall Customised Disposable System with Silicone Tube Type 2 and Kleenpak® Presto sterile connector (Combination 8, 24)	277da98b-98c5-4b35-aec2-7083aa21ddb1
Pall Customised Disposable System with Silicone Tube Type 2 and Kleenpak® Presto sterile connector and Connector Type 2 (Combination 8, 24, 25)	113f6964-8057-4a3b-8a89-c898c9b472af
Pall Customised Disposable System with Silicone Tube Type 2 and Connector Type 2 (Combination 8, 25)	c6bcfd0c-06e9-4509-b21d-707044548ece
Pall Customised Disposable System with Silicone Tube Type 2 and Braided Tubing (Combination 8, 9)	216a95d6-a12b-4ada-a65c-465a853afc13
Pall Customised Disposable System with Silicone Tube Type 2, Braided Tubing and Tube Assembly (Combination 8, 9, 12)	bdbf1a43-650b-4204-a201-cabc00040648

Pall Customised Disposable System with Silicone Tube Type 2, Braided Tubing and O ring (combination 8, 9, 13)	c28f88ab-b427-432b-9f89-d1aad56d5462
Pall Customised Disposable System with Silicone Tube Type 2, Braided Tubing and O ring and Kleenpak® Presto sterile connector (combination 8, 9, 13, 24)	6d762707-a2e6-4a50-b349-b353537da81b
Pall Customised Disposable System with Silicone Tube Type 2, Braided Tubing and O ring and Kleenpak® Presto sterile connector and Connector Type 2 (combination 8, 9, 13, 24, 25)	e6b4b801-531d-4fc0-8dff-ed81c0454d39
Pall Customised Disposable System with Silicone Tube Type 2, Braided Tubing and O ring and Connector Type 2 (combination 8, 9, 13, 25)	dfaf4821-ce9d-4fe9-8e52-39227970a6b8
Pall Customised Disposable System with Silicone Tube Type 2, Braided Tubing and Silicone Tube Type 3 (Combination 8, 9, 14)	1b728393-c75c-4fb9-95d2-74fe64588287
Pall Customised Disposable System with Silicone Tube Type 2, Braided Tubing and Silicone Tube Type 3 and Kleenpak® Presto sterile connector (Combination 8, 9, 14, 24)	d22efd9e-7889-498b-8027-d4b8c8957ea2
Pall Customised Disposable System with Silicone Tube Type 2, Braided Tubing and Silicone Tube Type 3 and Connector Type 2 (Combination 8, 9, 14, 25)	f69c9445-4940-48bc-850b-91a5db22988f
Pall Customised Disposable System with Silicone Tube Type 2, Braided Tubing and Liner (Combination 8, 9, 15)	84a17bce-de22-44c9-aea2-5f6094b1d5f3
Pall Customised Disposable System with Silicone Tube Type 2, Braided Tubing and Liner and Kleenpak® Presto sterile connector (Combination 8, 9, 15, 24)	d78a0511-b3a3-4231-87b5-16efbc95fbc7
Pall Customised Disposable System with Silicone Tube Type 2, Braided tubing and Caps (Combination 8, 9, 17)	de786e2b-06d1-4ec9-a4b3-a821e2f94b1b
Pall Customised Disposable System with Silicone Tube Type 2, Braided Tubing and Silicone Gasket and Kleenpak® Presto sterile connector (Combination 8, 9, 19, 24)	ecb4866e-c2af-4628-8bb5-29d3caaa4628
Pall Customised Disposable System with Silicone Tube Type 2, Braided Tubing and Silicone Gasket type 2 (Combination 8, 9, 20)	eab90b18-12bc-4db9-b616-c2687b69f76b

Pall Customised Disposable System with Silicone Tube Type 2, Braided Tubing and Silicone Gasket type 2 and Kleenpak® Presto sterile connector (Combination 8, 9, 20, 24)	107a662a-101d-4594-9a08-82f2a483ae03
Pall Customised Disposable System with Silicone Tube Type 2 and Braided Tubing and Silicone Tube Type 5 (Combination 8, 9, 22)	65f44543-7903-42d7-96df-58d67c7213da
Pall Customised Disposable System with Silicone Tube Type 2 and Braided Tubing and Kleenpak® Presto sterile connector (Combination 8, 9, 24)	ed96ce1f-965a-43bd-975c-d946e4306b40
Pall Customised Disposable System with Silicone Tube Type 2 and Braided Tubing and Connector Type 2 (Combination 8, 9, 25)	f369396d-3cb4-450a-bd26-d2ca31fe21ab
Pall Customised Disposable System with Braided Tubing (Combination 9)	3ab13386-ce0b-41b4-9231-5f2101daf229
Pall Customised Disposable System with Braided Tubing and O ring (Combination 9, 13)	bebc8938-04d1-4956-a099-dca20a9f8492
Pall Customised Disposable System with Braided Tubing and O ring and Kleenpak® Presto sterile connector (Combination 9, 13, 24)	36e17b8a-9622-47f8-9b22-6388ac36ba6d
Pall Customised Disposable System with Braided Tubing and Silicone Tube Type 3 (Combination 9, 14)	79148229-5e5e-4cb1-a1f7-a702f2c19059
Pall Customised Disposable System with Braided Tubing and Liner (Combination 9, 15)	92cdda93-ebd6-45ff-9292-b2036d588555
Pall Customised Disposable System with Braided Tubing and Liner and Kleenpak® Presto sterile connector (Combination 9, 15, 24)	c0f693fa-c816-4967-8f75-110184abcf51
Pall Customised Disposable System with Braided Tubing and Liner and Probe Adapter Type 2 and Plug (Combination 9, 15, 27, 28)	6ff64154-a7c3-4bb5-b041-ec5236840f8e
Pall Customised Disposable System with Braided tubing and Caps (Combination 9, 17)	aecd606a-664c-4c18-8ccb-8d492773f9eb
Pall Customised Disposable System with Braided Tubing and Silicone Gasket type 2 (Combination 9, 20)	022bf9b1-4ae9-4349-804c-ebfaa5d818a5
Pall Customised Disposable System with Braided Tubing and Kleenpak® Presto sterile connector (Combination 9, 24)	f033fb7b-57d8-4e15-9675-33875f90bf1b
Pall Customised Disposable System with Braided Tubing and Connector Type 2 (Combination 9, 25)	725c103a-ab9d-4355-ab90-2b43aea723d8
Pall Customised Disposable System with Braided Tubing and Probe Adapter Type 2 and Plug (Combination 9, 27, 28)	10258078-0960-4819-9432-8d432e01fafe

PALL CORPORATION

Addendum 2:
Component part numbers listed in ECHA SCIP "Other article Identifier" (identified as containing Cyclosiloxane compounds above 0.1%)

SC01541	SC02140	1101908	SC00236	SC01734	SC01391	SC01663	SC00036
NL03203	SC01624	1102399	SC01048	SC01735	SC01684	SC01664	SC00037
NL03204	SC01540	1102638	SC01122	SC01736	SC01431	FY03041	SC00038
NL03205	FY02034	1104545	SC01539	SC01737	SC01426	FY03042	SC00039
NL03206	FY02035	705331	51606	SC01738	SC01371	SC01745	SC00475
NL03207	FY02036	SC02340	SC01155	SC02070	SC01130	SC01537	SC00836
NL03415	FY02037	SC01744	SC01156	SC02071	SC01112	NL00259	SC00957
NL03498	FY02038	SC01835	SC01261	SC02072	SC01127	NL03878	SC00974
NL03508	FY02048	SC01743	SC01262	SC02073	SC00822	NL03879	SC00981
NL03833	FY02049	1104748	SC01281	SC02130	SC01388	NL03959	SC00982
NL04064	FY02058	PSC1G05	SC01284	SC02120	SC01111	NL04536	SC00988
NL04770	FY02065	PSC1G06	SC01285	SC02155	SC01102	NL04553	SC01011
NL04777	FY02089	PSC1G07	SC01559	SC02170	SC01877	NL04699	SC01597
NL04817	FY02192	PSC1G08	SC01881	SC01166	SC01017	NL04701	SC01519
NL05191	FY02193	PSC1G10	SC01883	SC01168	SC01126	NL04746	2100618M
SC00219	FY02202	PSC1G11	SC01917	SC00357	SC01815	NL05125	2100619M
SC00297	FY02203	4100282	FY02589	SC00935	SC01814	NL05178	2100620M
SC00351	FY02204	4100279	SC01933	SC02127	SC01813	NL05178	2100621M
SC00964	FY02205	4100281	NL04218	FY02128	SC01113	SC01390	2100622M
701560	FY02425	4100276	NL04223	FY02160	SC01344	SC01375	851244000
701561	FY02594	4100278	NL04229	FY02883	SC01345	SC01374	851248000
701562	FY02622	4100280	NL05187	SC00447	SC01346	SC01373	250664000
701563	FY02697	4100988	SC00811	SC00596	SC01347	SC01389	250665000
SC01712	FY02910	SC01732	NL04222	SC01538	SC01348	SC00114	2100554M
SC01716	NL03496	SC01809	NL04224	NL08214	NL04220	SC00802	851245000
SC01725	SC00113	NL04228	SC01726	SC00035	NL04221	SC01003	STC2020900
SC01153	SC01096						