



Consumer products

HCT-202407-02

Concern: ECHA announced an SVHC intention substance

On June 27, 2024, ECHA announced an SVHC intention substance (Reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives). ECHA plans to initiate a public consultation on this substance in August 2024. If the consultation is successful, the substance is expected to be formally added to the SVHC list in January 2025. Detailed information is as follows:

No	Substance Name	EC No.	CAS No.	Reason	Possible use	Remarks
1	Reaction mass of: triphenyl thiophosphate and tertiary butylated phenyl derivatives	421-820-9	192268-65-8	PBT (Article 57d)	Hydraulic fluids and lubricants and greases.	The 32nd batch of consultation substances expected to be released in August 2024.

Up to now, SVHC contains a total of 11 intention substances, 1 consultation substances, 1 proposed new substances (resorcinol), and 241 confirmed substances.

The 11 intention substances are as follows:

No	Substance Name	EC No.	CAS No.	Reason	Possible use	Remarks
1	Reaction mass of: triphenyl thiophosphate and tertiary butylated phenyl derivatives	421-820-9	192268-65-8	PBT (Article 57d)	Hydraulic fluids and lubricants and greases.	The 32nd batch of consultation substances expected to be released in August 2024.
2	Tris(4-nonylphenyl, branched) phosphite	701-028-2	-	Endocrine disrupting properties (Article 57(f) - environment)	Adhesives and sealants, coating products and polymers.	
3	6-[(C10-C13)-alkyl-(branch	701-118-	2156592-5	Toxic for reproduction	Hydraulic fluids, lubricants and	





	ed, unsaturated) -2,5-dioxopyr rolidin-1-yl]h exanoic acid	1	4-8	(Article 57c)	greases and metal working fluids.	The 33rd batch of consultation substances expected to be released in February 2025.
4	O,O,O-triphe nyl phosphorothi oate	209-909- 9	597-82-0	PBT (Article 57d)	Lubricants and greases, cooling liquids in refrigerators, hydraulic liquids in automotive suspension, lubricants in motor oil and break fluids.	
5	Perfluamine	206-420 -2	338-83-0	vPvB (Article 57e)	Anti-corrosion transmission fluid, dielectric insulation fluid, electronic components and device leak detection fluid.	
6	Octamethylt risiloxane	203-497 -4	107-51-7	vPvB (Article 57e)	Used in cosmetics and personal care products, washing and cleaning products.	
7	Hexamethyl disiloxane	203-492 -7	107-46-0	PBT (Article 57d)	Used in cosmetics and personal care products, washing and cleaning products, paint products.	
8	Dodecamet hylpentasilo xane	205-492 -2	141-63-9	vPvB (Article 57e)	Used in cosmetics and personal care products, washing and cleaning products.	
9	Decamethyl tetrasiloxan	205-491 -7	141-62-8	vPvB (Article 57e)	Used in cosmetics and personal care	





	e				products, washing and cleaning products.	
10	1,1,1,3,5,5,5-heptamethyltrisiloxane	217-496-1	1873-88-7	vPvB (Article 57e)	Used as a reduction catalyst in organic synthesis.	
11	1,1,1,3,5,5,5-heptamethyl-3-[[trimethylsilyl]oxy]trisiloxane	241-867-7	17928-28-8	vPvB (Article 57e)	Used in cosmetics, personal care products and perfume.	

1 consultation substances and proposed new substances (resorcinol) are as follows:

No	Substance Name	EC No.	CAS No.	Reason	Possible use	Remarks
1	Triphenyl phosphate	204-112-2	115-86-6	Endocrine disrupting properties (Article 57(f) - environment)	Used in adhesives and sealants, coating products and cosmetics and personal care products.	Consultation in April 2023, still under review.
2	resorcinol	203-585-2	108-46-3	Endocrine disrupting properties (Article 57(f) - human health)	Used in dye industry, plastic industry, medicine, rubber, etc.	Consultation in March 2020, no conclusion yet.

According to REACH, if SVHC is contained in article in a concentration that greater than 0.1% (w/w), downstream importers shall be notified with such information for communication and also provided with certifications. However, if SVHC is contained in article in a concentration that greater than 0.1% (w/w) and the volume for export is more than 1 tonne, notification of such information to ECHA is necessary. According to the WFD requirements, starting from January 5, 2021, if the SVHC content in an article is greater than 0.1%, the company needs to make a SCIP notification.

HCT SOLUTION:





HCT possessing wide testing fields and convenient service channels, can help enterprises assess regulated specific chemical substances in products. Thus enterprises can successfully import products to designed target countries.

