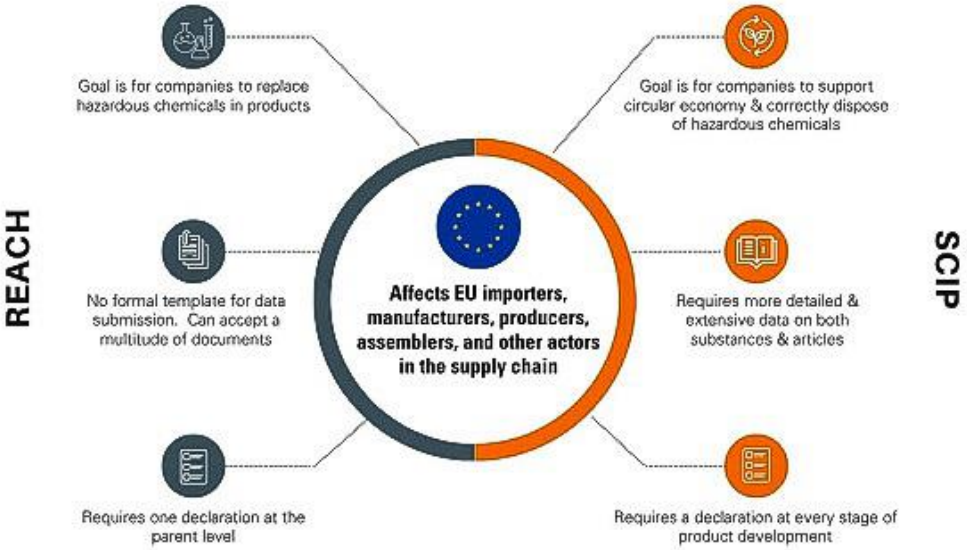
THE RSTS SCOOP

The latest trends, services & promotions

SGS Comprehensive Solutions for REACH SVHC & SCIP Database

Electronic and electrical products contain a number of hazardous substances, which can impact human health and the environment through all stages of the life cycle. To address the problems associated with exposure to chemical substances, most notable are the policy developments in the European Union where the RoHS and WEEE directives and the REACH regulations have had a strong impact on the way electronic products are designed, how they are collected and treated at end-of-life, and how information on hazardous substances is generated and shared.

Substances of Concern In articles as such or in complex objects (Products), or SCIP, was launched in October 2021 to ensure that sufficient information about the presence of SVHCs is communicated throughout the whole life cycle of products and materials placed in the EU market



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Since the enforcement, over 24 million notifications from 7,600 entities were received. The top 25 notified SVHC items in SCIP database are shown below:

NO.	SUBSTANCE NAME	EC NO.	CAS NO.	TOTAL RECORDS
1	*Lead titanium zirconium oxide*	235-727-4	12626-81-2	8,409,951
2	*Lead*	231-100-4	7439-92-1	7,799,646
3	Lead monoxide (lead oxide)	215-267-0	1317-36-8	1,252,377
4	Diboron trioxide	215-125-8	1303-86-2	880,716
5	Imidazolidine-2-thione (2-imidazoline-2-thiol)	202-506-9	96-45-7	760,743
6	*Octamethylcyclotetrasiloxane (D4)*	209-136-7	556-67-2	677,061
7	*Decamethylcyclopentasiloxane (D5)*	208-764-9	541-02-6	657,002
8	*4,4'-isopropylidenediphenol (BPA)*	201-245-8	80-05-7	652,483
9	Lead titanium trioxide	235-038-9	12060-00-3	571,804
10	*Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)*	-	-	537,881
11	*2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one*	400-600-6	71868-10-5	526,900
12	tris(nonylphenyl) phosphite	247-759-6	26523-78-4	523,253
13	*1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10] octadeca-7,15-diene ("Dechlorane Plus"™)*	-	-	486,450
14	1,6,7,8,9,14,15,16,17,17,18,18-dodecachloropentacyclo[12.2.1.16,9.02,13.05,10] octadeca-7,15-diene	236-948-9	13560-89-9	457,710
15	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	404-360-3	119313-12-1	456,706
16	Boric acid	233-139-2	10043-35-3	433,975
17	*1, 2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)*	203-794-9	110-71-4	423,085
18	*2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)*	239-622-4	15571-58-1	418,864
19	*2-methylimidazole*	211-765-7	693-98-1	398,010
20	*1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)*	219-514-3	2451-62-9	382,610
21	*Medium-chain chlorinated paraffins (MCCP)*	-	-	369,557
22	*Bis (2-ethylhexyl)phthalate (DEHP)*	204-211-0	117-81-7	357,887
23	*Dicyclohexyl phthalate*	201-545-9	84-61-7	348,590
24	*4-Nonylphenol, branched and linear, ethoxylated*	-	-	345,437
25	*Alkanes, C14-17, chloro*	287-477-0	85535-85-9	341,872

** Amongst, the orange highlighted substances are those potentially used and commonly found in consumer products*

SGS Services:

SGS offers a wide array of services for both SVHC and SCIP database to help our customers comply with their obligations under the REACH legislation, from SVHC screening and confirmation testing to SCIP database training and creation of data files, to support ongoing compliance.

SERVICE	CONTENT
SVHC screening test	The SVHC screening test can help enterprises investigate the SVHCs' content in products
SVHC confirmation test	The SCIP database requires the information to be accurate to each individual simple article, if the result of the SVHC screening test for any tested group is greater than 0.1% by weight, the confirmation test is recommended to fulfill the SCIP database notification requirement
Preparation of the SCIP data	Assist enterprises to fill in the SCIP data and generate the file in IUCLID format
Communication Document Preparation Service	The communication document will be prepared according to ECHA's Guidance on requirements for substances in articles, and the document could be used to pass information down the supply chain and to downstream users, which will include: • SVHC presence over 0.1% and its usage • Identification and Description of articles / components containing over 0.1% SVHC • Information of safe use that cover all relevant life cycle stages of the article
SVHC & SCIP Related Training	Training courses which can be tailored to your specific needs, from a general overview to addressing key industry or supply chain specific issues where participants will learn the technical and business-level consequences of the regulations.

Through our global network of laboratories and highly trained specialists, SGS offers a one-stop-shop for services to ensure that your production and distribution systems support your compliance with the REACH & SCIP legislations.

For more information, please contact our Customer Service team.

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