

Your inquiry about "REACH" for Endress+Hauser products

Dear valued customer

European regulation No 1907/2006 "REACH" (**R**egistration, **E**valuation and **A**uthorization of **C**hemicals) came into force on June 1, 2007. REACH regulates the use of chemical substances within the European Union, particularly those identified as "Substances of Very High Concern (SVHC)". A recapitulation of the regulations of REACH is attached hereto.

For purposes of the REACH legislation, Endress+Hauser is neither a manufacturer nor an importer of chemical products. The products manufactured by Endress+Hauser are considered as "Articles" under the REACH regulation, and such products do not release any chemical substances under normal and reasonably foreseeable application conditions; i.e. there is no obligation of registration.

In accordance with Art. 33 of REACH we provide information for all downstream users - attached hereto - as soon as our products consist of more than 0.1 % w/w of substances of the SVHC candidate list (see the table for the respective valid list <http://echa.europa.eu/web/guest/candidate-list-table>).

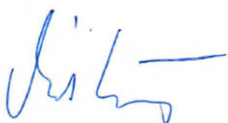
Furthermore our standard products intentionally do not contain any substances according to Annex XVII (see: <https://echa.europa.eu/substances-restricted-under-reach>) in the application and over the concentrations defined therein.

Endress+Hauser is committed to meeting its legal obligations under REACH. Endress+Hauser will continue to work with its suppliers and customers as we implement the regulations.

We trust that this letter will answer your questions. Should you require further information, please contact your local Endress+Hauser Sales Office (see www.endress.com for contact information).

With kind regards

Endress+Hauser Group Services AG



Michael Kanzinger
Trade Compliance Manager



Dr. Heiner Zehntner
General Counsel

Attachments:

- Recapitulation of the regulations of REACH
- Customer Information on REACH

Recapitulation of the regulations of REACH (EC Regulation 1907/2006)

1. REACH is a new European Union regulation concerning the Registration, Evaluation, Authorisation and restriction of Chemicals. It came into force on 1st June 2007. A major part of REACH is the requirement for manufacturers or importers of substances to register them with a central European Chemicals Agency (EChA). REACH applies to substances manufactured or imported into the EU in quantities of 1 tonne per year or more.
2. REACH requires manufacturers and importers of a substance on its own or in a preparation to communicate how their substances or preparations can be used safely for humans and environment. The main instrument for this communication down the supply chain is the Safety Data Sheet (SDS). The manufacturer, importer or downstream user will prepare the SDS according to a similar principle as he did before REACH came into force. The main difference is that when required, the SDS will also have an annex including exposure scenarios specifying the conditions under which the substance or preparation can be used safely, for uses that have been identified. The quality of the SDSs is expected to improve due to REACH as more information will be available as a result of the registration process.
3. Suppliers of articles shall inform their customers about substances of very high concern contained in concentrations above 0.1%. Also consumers can request such information.
4. REACH requires all substances that are intended to be released from articles during normal and reasonably foreseeable conditions of use to be registered according to the normal rules, if they are produced or imported in quantities exceeding 1 tonne/year per producer or importer. In addition, all substances included in the candidate list and which are present in articles above a concentration limit of 0.1% weight by weight and above 1 tons per year must be notified to the agency (EChA).
5. Downstream users have a right to make their use known to the supplier and in doing so have to provide sufficient information to prepare an exposure scenario. This upstream communication will play an important role when a registrant will prepare a chemical safety report, including exposure scenarios if required, as a part of the registration dossier.

Compliance statements for material and substances



Customer Information as per Art. 33 (1) of the REACH Directive EC No. 1907/2006 (to the current Candidate List of substances of very high concern for Authorisation)

The products listed below contain sub-products with an SVHC content of over 0.1 % w/w.

SVHC>0.1 % w/w		CAS-No.
Lead		7439-92-1
Products Description	Order Information	Component w. SVHC
	CYR52 CYM17 xPS- 64 / 65 xPK- 1 / 2 / 3 / 4 / 5 / 6 Kit COG30 Kit CSZ18 Kit- V2A / V4A XPD0001-XPD00094	
ASP Station	RPx20B	
Bunker Metering Computer	SBC600	<ul style="list-style-type: none"> ■ Lead as constituents in, amongst other materials, aluminum or copper alloys (brass). ■ Lead in high melting temperature type solders. ■ Lead in electronic devices and batteries. ■ Lead as radiation protection material for our Radiometric products
Cerabar	PMC- 11 / 21 / 51 / 51B / 71 / 71B PMP- 11 / 21 / 23 / 51 / 51B / 55 / 71 / 71B	
Ceraliquid	xPS- 41 / 42 / 43 OPF- 41 / 42 / 43	
Ceraphant	PTC- 31B PTP- 31B / 33B	
Chemoclean	CYR10B	
Cleanfit	CPA- 474 / 473	
Cleanfit Control	CYC25	
CNGmass	8DF**-, 8FF**-, aD8CB**-,	
Conducal	CLY421	
Condumax	xLS- 12 / 13 / 15D / 19 / 21 / 21D	
Commubox	FXA195 FXA291	
Cubemass	8CM**-, 8CN**-, a8Cq**-,	
Deltabar	FMD- 71 / 72 / 77 / 78 PMD- 55 / 55B / 75 / 75B / 78B	
Deltapilot	FMB- 50 / 51 / 52 / 53 / 70	
Dipfit	CLA140	
Dipsys		

Dosimag	5*H**-*;	<p>a=O, empty b=D, E, H, L, P, S, W c=A, E, F, G, H, I, K, O, P, Q, S, X d=A, B, F, I, T e=D, F, O, R f=F, H g=B, E, G, I, W p=0, 1, 3, 4, 5 q=1, 2, 3, 4, 5, 8, B r=1, 2, 3, 4, 5, H</p>
Dosimass	8*E**-*;	
Easytemp	TMR- 31 / 35	
EngyCal Energy Manager	RH33 / RS33 / RA33 RMC621 / RMS621	
FieldEdge	SGC200	
	SGC400	
	SGC500	
Fieldgate	FXA42	
	SFX250	
	SFG500	
	SWG50	
	SWG70	
Fieldport	SWA50	
	SWA70	
	SFP20	
	SFP50	
Fieldbus Indicator	RID14 / 16	
Field Xpert	SMT50	
	SMT70	
	SMT77	
FlowFit	CYA27	
Flowphant T	DTT- 31 / 35	
Gambro	6/7	
Gammapilot	FMG- 50 / 60	
	FQG- 60 / 61 / 62 / 63 / 66	
	FTG20	
Indicators	RIA- 14 / 15 / 16	
Indumax	xLS54	
Interfaces	RB223 RN- 221N / 22 / 42 RLN- 42 / RNF22 / RNO22 TID10	
ISEmax	CAS40D	
iTEMP Field Transmitter	TMT- 142 / 142B / 162	
iTEMP Temperature Transmitters	TMT- 180 / 181 / 182 / 187 / 188 TMT- 31 / 71 / 72 / 80 / 82 / 84 / 85 / 86 TMT- 111 / 112 / 121 / 122 / 127 / 128	
iTHERM	TM- 101/111/121/131/311/401/402/411/412 TS- 111 / 211 / 212 TA30x	

ITHERM MultiSens	TMS- 01 / 02 / 11 / 12 / 21 / 31	
Levelflex	FMP- 50 / 51 / 52 / 53 / 54 / 55 / 56 / 57	
Liquicap	FMI- 21 / 51 / 52	
	FTI- 51 / 52	
Liquifloat	FTS20	
Liquiline	CM44x	
	OCM44x	
Liquiline control	CDC90	
Liquiline to go	CYM291	
Liquiline mobile	CML18	
Liquiline System	CA80- AM/COD/PH/TP/AL/HA/SI/TN/FE/CR/NO	
	CAT810	
	CAZ- 800 / 820 / 860 / 880	
Liquiphant	FTL- 31 / 33 / 41 / 50 / 50H / 51 / 51B / 51C /	
	51H / 62 / 64 / 70 / 71 / 80 / 81 / 85	
Liquipoint	FTW- 23 / 31 / 32 / 33	
Liquiport	CSP44	
Liquisis	CxM- 223 / 253	
	OxM253	
Liquistation	xSF- 22 / 28 / 33 / 34 / 39 / 48	
Liquitrend	QMW43	
LNGmass	aD8LB-;	
LPGmass	8FE** -;	
	aD8EB** -;	
Memobase Plus	CYZ71D	
Memocheck	CYP02E	
Memocheck Sim	CYP03D	
Memosens	xLS21E	
	xYK- 10 / 20	
	COS61	
Micropilot	FMR- 10 / 20 / 50 / 51 / 52 / 53 / 532 / 54 / 540	
	/ 56 / 57 / 60 / 62 / 67	
	FWR30	
	NMR- 81 / 84	
Minicap	FTC- 260 / 262	
Mycom	CCM141S	
Modem	Viator Bluetooth MACTek	
	Viator Power express	
Norylab	xPS- 51 / 52 / 53	
	OPF- 51 / 52 / 53	

Nivector	FTI26	
Nivotester	FTC325	
	FTL- 325N / 325P / 825	
	FTR525	
	FTW325	
Overfill Prevention System	SOP300	
	SOP600	
Oxymax	COS22D / 51E761 / 61D / 80E	
Panel and Field Meter	RIA- 45 / 46 / 452	
Picomag	aDMA**-	
Process Transmitter	RMA42	
Promag	a5bq***-;	
	5pb**-	
	10b**-	
Promass	a8cq***-;	
	8pc**-	
	40E**-	
Proservo	NMS 80 / 81 / 83	
Prosonic	FDU- 90 / 91 / 91F / 92 / 93 / 95	
	FMU- 30 / 40 / 41 / 42 / 44 / 90 / 95	
Prosonic Flow	9ghB**-	
	91WA1 / 92F25 / 93T / 93PA1 / 93PA4	
Prowirl	7e2C**-	
Recorder – Data Manager	RSG35/45	
RTD Thermometer	TR10/11/12/13/15/24/25/61/62/63/65/66/88	
	TST- 434 / 602 / 90	
	TET90	
Samplefit	CSA420	
Silopilot	FMM- 20 / 50	
Smartec	CLD- 132 / 134	
	CLD18	
Smartsens	OPS31	
Solicap	FTI- 55 / 56 / 77	
Solimotion	FTR- 16 / 20	
Soliphant	FTM- 20 / 21 / 50 / 51 / 52	
Soliswitch	FTE- 20 / 30 / 31	
Soliwave	FDR- 16 / 56 / 57	
	FQR- 16 / 56 / 57	
Stabsonden	11362(Z) / 11363(Z) / 11375Z / 11961Z / 11371	
Stamoclean	CAT221	

Surge Arrester	HAW- 562 / 569	
Tankvision	NXA- 20 / 820 / 821 / 822	
Thermocouple	TAF- 11 / 12D / 12S / 12T / 16 TC- 10 / 12 / 13 / 15 / 2 / 65 / 66 / 88 TSC310 TPC- 100 / 200 / 300	
Thermophant	TTR- 31 / 35	
TOC Analyzer	CA72TOC	
Topclean	CPG30	
TrustSens	TM- 371 / 372	
Turbimax	CUS50D / OCUS50D / CUS51D	
t-mass	a6dA***-; a6dq***-; 65c**-	
Waterpilot	FMX- 11 / 21	

SVHC>0.1 % w/w		CAS-No.	
Potassium Dichromate		7778-50-9	
Products Description	Order Information	Component w. SVHC	SVHC content
Reagent RB	CY80COD-CC+SD		8 %
Reagent COD2 (B)	CAY441-VxxAAE		2.1 %

SVHC>0.1 % w/w		CAS-No.	
Di Sodium Tetraborate		1330-43-4	
Products Description	Order Information	Component w. SVHC	SVHC content
pH-buffer solution 9.00	CPY20-G		0.263 %
pH-buffer solution 9.22	CPY20-I		0.999 %

SVHC>0.1 % w/w		CAS-No.	
Boric Acid		10043-35-3	
Products Description	Order Information	Component w. SVHC	SVHC content
pH-buffer solution 9.00	CPY20-G		0.107 %
pH-buffer solution 10.0	CPY20-K		0.332 %

SVHC>0.1 % w/w		CAS-No.	
Octamethylcyclotetrasiloxane		556-67-2	
Products Description	Order Information	Component w. SVHC	
Liquiphant	FTL-	Sealing ring, 67,5x 2,9/ 1,5-VMQ/PTFE, only in combination with the F15 "hygienic" enclosure	
Soliphant	FTM-		
Cerabar	PMP- / PMC-		
Deltabar	FMD- / PMD-		

Deltapilot	FMB-	Silicone sealing ring
Solicap	FTI-	
Promass I	8I*B**-	

SVHC>0.1 % w/w		CAS-No.	
Decamethylcyclopentasiloxan		541-02-6	
Products Description	Order Information	Component w. SVHC	
Liquiphant	FTL-	Sealing ring, 67,5x 2,9/ 1,5-VMQ/PTFE, only in combination with the F15 "hygienic" enclosure	
Soliphant	FTM-		
Cerabar	PMP- / PMC-		
Deltabar	FMD- / PMD-		
Deltapilot	FMB-		
Solicap	FTI-		
Promass I	8I*B**-	Silicone sealing ring	

SVHC>0.1 % w/w		CAS-No.	
Dodecamethylcyclohexasiloxan		540-97-6	
Products Description	Order Information	Component w. SVHC	
Liquiphant	FTL-	Sealing ring, 67,5x 2,9/ 1,5-VMQ/PTFE, only in combination with the F15 "hygienic" enclosure	
Soliphant	FTM-		
Cerabar	PMP- / PMC-		
Deltabar	FMD- / PMD-		
Deltapilot	FMB-	O-Ring 21,89 x 2,62 VMQ 70 +FDA, only in combination with the G1 adapter	
Solicap	FTI-		
Liquipoint	FMI-	O-Ring 14,9 x 2,7 VMQ 75 +FDA , only in combination with the G3/4 adapter	
Liquicap	FTW-		
Promass I	8I*B**-	Silicone sealing ring	
Promag W/P/L	5W / 5P / 5L****-	Connector plug	

SVHC>0.1 % w/w		CAS-No.	
DOTE		15571-58-1	
Products Description	Order Information	Component w. SVHC	
Flowfit	CYA251 / CUA250 / COA250 / CYA21	PVC elements	
Flexdip	CYA112		
Dipfit	CPA510 / CPA530		
Oxymax	COS61D		

SVHC>0.1 % w/w		CAS-No.	
Therphenyl - hydriert		61788-32-7	
Products Description	Order Information	Component w. SVHC	
Temperatur sensor	CTS1	encapsulating materials	

SVHC>0.1 % w/w		CAS-No.	
1,3-propanesultone		1120-71-4	
Products Description	Order Information	Component w. SVHC	
Liquiline Mobile	CML18	Prismatic Cell	

SVHC>0.1 % w/w		CAS-No.	
1,2-dimethoxyethane, ethylene glycol dimethyl ether (EGDME)		110-71-4	
Products Description	Order Information	Component w. SVHC	
Memograph M	RSG45	Accu	

SVHC>0.1 % w/w		CAS-No.	
Perfluorobutane sulfonic acid (PFBS) and its salts			
Products Description	Order Information	Component w. SVHC	
Liquisis	CXM- 221 / 223	Housing	
sampler	RPX20B	Electronic	

SVHC>0.1 % w/w		CAS-No.	
Dibutyl phthalate (DBP)		84-74-2	
Products Description	Order Information	Component w. SVHC	
Turbimax	CUS51D	connector	
Oxymax	COS61D		
Memosens	COS51E		
Memosens	CAS80E		

SVHC>0.1 % w/w		CAS-No.	
Bis (2-ethylhexyl)phthalate (DEHP)		117-81-7	
Products Description	Order Information	Component w. SVHC	
Turbimax	CUS51D	connector	
Oxymax	COS61D		
Memosens	COS51E		
Memosens	CAS80E		

SVHC>0.1 % w/w		CAS-No.	
Diboron trioxide		1303-86-2	
Products Description	Order Information	Component w. SVHC	
Liquiline Control	CDC90	Electronic device	
Liquiline	CAT820		