

## REACH SVHC Statement

**According to article 33 of the REACH Regulation (EC) No 1907/2006**, duty to communicate information on substances in articles. We have the obligation to inform our customers, when a substance of very high concern (SVHC) is contained in our articles in a concentration above 0,1 % weight by weight (w/w).

Judgment of the European Court CASE C-106/14. ECJ judgment Press release No. 100/15 how the term „product“ should be understood, was controversial between the member states. On September 10, 2015, the European Court has ruled that the limit for the content of substances of concern (SVHC) in articles of 0.1% mass -% also applies to products that are part of another product. This means that producers, importers and suppliers of articles have the obligations under Article 33 of the REACH Regulation also to comply if the limit is exceeded only in a partial product.

The candidate list of “SVHC” substances of very high concern, is published on the website of the European Chemicals Agency (ECHA) <http://echa.europa.eu/de/candidate-list-table> .Semiannually will be updated the candidate list.

- At the current state there are following substances from the candidate list in our products above a concentration of 0,1 % weight by weight (w/w) of the article. See enclosed attachment
- If there will be any changes or new information available about SVHC in our products that will be listed on the candidate list, we will inform you.
- GENERAL TERMS AND CONDITIONS OF PURCHASE OF KEBA AG including the REACH Regulation, Annex XVII, XIV, Article 33 and supplier must be complied with,  
[https://www.keba.com/web/downloads/corporate/generaltermspurchasing\\_engl\\_Feb2014.pdf](https://www.keba.com/web/downloads/corporate/generaltermspurchasing_engl_Feb2014.pdf)

Declaration of Reportable Substances in KEBA monitoring and control instruments and KeTop handheld operating devices, as defined ROHS Directive 2011/65/EU Annex I categorie 9 (Page 2)  
Declaration of Reportable Substances of KEBA Products (Page 3)  
Information on use (Page 4)

## Information about Substances of very high Concern (SVHC)

Declaration of Reportable Substances in KEBA industrial monitoring and control instruments and KeTop handheld operating devices, as defined ROHS Directive 2011/65/EU Annex I categorie 9.

SVHC substance of very high concern	CAS Number	Product description	Comments	KEBA Products:
<b>above 1000 ppm ( 0.1% w/w)</b>				
1,2-dimethoxyethane; ethylene glycol dimethyl ether ( <b>EGDME</b> ), <b>Monoglyme</b> , <b>Glyme</b>	110-71-4	Lithium batteries BR2032 CR2032 CR1220	This substance is used as a solvent for electrolyte inside some lithium batteries	<b>control instruments,</b> <b>panels</b>
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 <b>"Dechlorane Plus"™</b>	13560-89-9	PUR Polyurethane cables	flame retardant	<b>KeTop</b>
<b>Lead compounds</b>	7439-92-1	in electronic components	ROHS Directive 2011/65/EU	in all KEBA products
Lead titanium zirconium oxide	12626-81-2	alloys	Exemptions (Annex III)	6(a), 6(b), 6(c)
Lead monoxide (lead oxide)	1317-36-8	displays/ diodes		
Lead tetra oxide (orange lead)	1314-41-6	resistors, kerkos	<b>UVCBs</b> see CENENLEC 6274-1 (2015-12)	7(c)-I, 7(c)-II
<b>Borate/ Boron compounds</b>			See CENENLEC 6274-1 (2015-12)	in all KEBA products
Diboron trioxide	1303-86-2	glass, ceramic kerkos, diodes	see <b>UVCBs</b> substances	glass, ceramics
<b>SVHC Substitution</b>			<b>REDESIGN/Substitution until</b>	
Imidazolidin-2-thion	96-45-7	vulcanization	Redesign	in rubber parts
2-Thioxoimidazolidin		accelarator	completed	elastomeres
Ethylenethioharnstoff ETU		catalyst	end of 2017	chloroprene

If you have any further questions on the implementation of the REACH regulation in our company, please contact us at any time. If you require a product specific declaration, you may forward your inquiry to KEBA Technical Support with the list of products for which you want to get this declaration.

### KEBA AG

#### Gewerbepark Urfahr A- 4041 Linz

Name (printed): Claudia Graiger

Title: Dipl. Ing. (FH)

Telephone: +437327090 21168

Email: [grai@keba.com](mailto:grai@keba.com)

Information about Substances of very high concern (SVHC) KEBA Product list												
ROHS Directive 2011/65/EU, Annex I, Categories of Electro and Electronic Equipment (EEE) covered by this Directive	REACH SVHC & CENELEC 62474 Material declaration for products of and for the electrotechnical industry			ROHS ANNEX I	11. Other EEE not covered by any of the categories above	10. automatic dispensers		9. Industrial monitoring and control instruments and handheld operating devices			9. Control instruments	3. IT and Tele-communication
REACH SVHC substance of very high concern	CAS Number	Product description	Comments	KEBA PRODUCTS	Electro Mobility	KePlus	KePoI	HMI KeTops	HMI Stationary operation	CONTROLS	KeEnergy Controls	KeWin
above 1000 ppm ( 0.1% w/w)				SVHC state	KeContact Wallbox	Banking Automation	Logistic	INDUSTRIAL AUTOMATION			Heating Control System	Lottery
<b>Borate/ Boron compounds</b>			CENELEC 6274-1 (2015-12)									
Diboron trioxide	1303-86-2	glass, ceramic	see <b>UVCBs</b> substances	38 SVHC (18.06.2010)	x	x	x	x	x	x	x	x
etc.		kerkos, diodes	in all KEBA products									
1,2-dimethoxyethane; ethylene glycol dimethyl ether ( <b>EGDME</b> ), <b>Monoglyme, Glyme</b>	110-71-4	Lithium batteries BR2032 CR2032 CR1220	This substance is used as a solvent for electrolyte inside some lithium batteries	84 SVHC (18.06.2012)					x	x	x	x
<b>Lead compounds</b>	7439-92-1	in electronic components	ROHS Directive 2011/65/EU									
Lead titanium zirconium oxide	12626-81-2		Exemptions Annex III									
Lead monoxide (lead oxide)	1317-36-8	displays/ diodes	in all KEBA products	138 SVHC (19.12.2012)	x	x	x	x	x	x	x	x
Lead tetra oxide (orange lead)	1314-41-6	resistors, kerkos	<b>UVCBs</b> see CENELEC 6274-1 (2015-12) ROHS exemptions 7(c)-I, 7(c)-II									
<b>Cadmium compounds</b>	7440-43-9		ROHS Directive 2011/65/EU									
Cadmium oxide	1306-19-0	relay	8b cadmium in electrical contacts (Redesign)	144 SVHC (20.06.2013)	x							
			Exemptions (Annex III)									
DOTe Diocetyl/tinn derivates	15571-58-1	hard PVC	stabilizer	161 SVHC (17.12.2014)		x						
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 " <b>Dechlorane Plus</b> "™	13560-89-9	PUR Polyurethane cables	flame retardant	181 SVHC (15.01.2018)				x				
Lead	7439-92-1	alloys	ROHS Exemptions Annex III - 6(a), 6(b), 6(c)		x	x	x	x	x	x	x	x
Lead dioxide	1309-60-0	USV Battery	This substance is used as a solvent for electrolyte inside some USV batteries	191 SVHC (27.06.2018)		x	x					
<b>SVHC Substitution</b>			<b>REDESIGN / Substitution until</b>									
Imidazolidin-2-thion		vulcanization										
2-Thioximidazolidin	96-45-7	accelarator	Redesign completed end of 2017	151 SVHC (16.12.2013)				x				
Ethylenethioharnstoff ETU		catalyst										
Cadmium compounds	7440-43-9	relay	Redesign (2015)								x	
Nmac, N-methylacetamide	79-16-3	Radial Aluminium Capacitors										
DMAc, Dimethylacetamide	127-19-5		Redesign completed end of 2015	138 SVHC (19.12.2011)								
DMF N,N Dimethylformamide	68-12-2											

## According to REACH Regulation (EU) No 1907/2006, Article 33

Information about Substances of very high Concern (SVHC), see ECHA the European Chemical Agency. The candidate list will be updated semiannually

Candidate list: <https://echa.europa.eu/de/candidate-list-table>

### SVHC: Lead compounds, CAS No 7439-92-1

Lead titanium zirconium oxide CAS No 12626-81-2

Lead monoxide (lead oxide) CAS No 1317-36-8;

Lead tetra oxide (orange lead) CAS No 1314-41-6

see ROHS2 Exemptions Annex III: alloys (6a, 6b, 6c), Kerkos, displays (diodes), resistors (7c-I; 7c-II),

See ECHA Guidance of substances and Guidance UVCBs, CENELEC 62474-1 (2015)

USV Batteries

Automatic dispensers - Bankautomation KePlus EVO /KePol

### SVHC: Boron compounds

Doboron trioxide CAS No 1303-86-2

Some suppliers of glass lead frit, substrates, capacitors, resistors, caps and non-conductive epoxy adhesive with a glass or ceramic base material have reported one or more of these substances as a raw ingredient: Diboron trioxide, Lead monoxide, and Lead titanium trioxide. Suppliers declare these substances in excess of 0.1% by weight for impacted articles; however, these substances are not present in their original molecular form and cannot be released under normal or reasonably foreseeable conditions. EU REACH communications to customers and ECHA are not applicable for articles containing glass and ceramics since they are classified under EU REACH as UVCB substances (substance of unknown or variable composition,

### SVHC: 1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME), Monoglyme, Glyme, CAS No 110-71-4

#### Batteries CR 1220, CR2032, BR2032 in control instruments and panels

KeControl C1, KeControl C2, KeControl C3, KeControl C4, KeControl C5

KeControl CP03x, CP05x

KeControl CPxx/, CP22x/x, CP23x/x, CP24x/x, CP25x/x CP26x/x, CP3xx, CP52xx, CP9230/x

KeControl C7: OB 781/x

KeDrive D3-Dux

HMI stationary Panels: KeTop APxx, AP500, AP515x, AP521x, AP524x, AP CC330x,

Heating control KeEnergy AP420x

LOTTO terminal KeWin, KeWin Multimedia

### SVHC: Cadmium compounds CAS No 7440-43-9

Cadmium oxide CAS No 1306-19-0

see ROHS2 Exemptions Annex III 8b cadmium in electrical contacts (Redesign)

### SVHC Diocetyl tin compounds/derivates DOTE CAS No 15571-58-1

rigid PVC hard - Polyvinylchloride

KePlus Bankautomation

There are no special precautions required in handling the item, because the substances is firmly embedded in the plastic and will not be released under normal conditions of use.

### SVHC: "Dechlorane Plus"™ CAS No 13560-89-9 in Polyurethane - PUR - Cables

SVHC: 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

Suppliers information: Dechlorane Plus is used as a flame retardant in the cable types reported to ensure compliance with strict fire safety regulations. The substance therefore plays an important role in protecting human life and property from fire. Dechlorane Plus has been included in the candidate list due to environmental concerns. The flame retardant is embedded in the polymer matrix of the sheath material.

KeTops

### Declaration of Reportable Substances in Electrical and Electronic Equipment - (EEE)

#### according to CENELEC 62474

CPU Circuit printed board, Components

#### Tetrabromo-Bisphenol A (TBBA, TBBPA) CAS No 79-94-7 reactive ligated in the plastic matrix

Some suppliers of carrier tapes, epoxy resins, and substrate materials have reported this material, under the name TBBA/Bisphenol A", in their material composition declaration as a raw polymer ingredient. Suppliers declare this substance in excess of 0.1% by weight for impacted articles; however, this substance, in its original molecular form is contained in these materials as a small residue and cannot be released under normal or reasonably foreseeable conditions.

Other Reportable Substances

Antimony trioxide CAS No 1309-64-4 synergist of brominated flame retardants