



Subject: EU REACH Regulation (EC) No 1907/2006.

April 14, 2023

Dear Customer,

Emerson considers the environmental aspects of how we design, engineer and manufacture products, ensuring that materials and processes are safe and adhere to industry standards and government regulations.

In June 2007, the European Union Regulation (EC) 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals ("REACH") entered into force. The Regulation establishes specific duties and obligations on companies that manufacture or import substances on their own, in preparation or in articles in the European Economic Area (EEA).

ASCO SAS/ Asco Numatics GmbH/ Asco Controls B.V/ Emerson Automation Fluid Control & Pneumatics Italy S.R.L./ Emerson Automation Fluid Control & Pneumatics Poland Sp. Zoo., (a business unit of Emerson Electric Co.), is committed to complying with all applicable REACH obligations. Under REACH Article 33, Emerson as a manufacturer has a responsibility to communicate to its customers sufficient information on Substances of Very High Concern ("SVHC") on the Candidate List for Authorization contained in Emerson products in concentrations above 0.1 % w/w. In line with this obligation, we herewith inform you on presence of the following SVHC in Emerson products.

1. List of products and substances.

The following listed products contain SVHC on the Candidate List of Substances of Very High Concern for Authorization in a concentration above 0.1% weight by weight.

Below listed substances are on the most recent version of the Candidate List updated on January 17, 2023 available at the European Chemical Agency website including its complete safe use information: <https://echa.europa.eu/candidate-list-table>.

Product Name	Model Number	
Solenoid valves, Poppet valves, Proportional valves, Pilot valves, Spool valves etc.	Various	
Part Name:	Various	
SVHC Name:	Lead	
CAS #	7439-92-1	
EC #	231-100-4	
SVHC % w/w:	0.10 – 0.40	
RoHS Exemption (when applicable)	6 (a)-I, 6 (b)-II, 6 (c)	
Article (product) safe handling information	Handling	The lead substance is an alloy element in various metal parts. After handling and servicing the valve wash off immediately with soap and water.
	Storage	Do not store together with foodstuffs. Do not store with acids or alkalis. Do not store with combustible materials.

Product Name	Model Number	
Piezotronic Valves, Sentronic Plus - 3 Way, Spool Valves, Special Product Fluid Control	Series 630, 502050-XXX, PV630-03L, PV631-03L,-X949440457001F1, X949440457002F1, X949523859001F1, X949520896001F1, X949520896002F1	
Part Name:	Multilayer Bender Element	
SVHC Name:	Lead titanium zirconium oxide	
CAS #	12626-81-2	
EC #	235-727-4	
SVHC % w/w:	>0.10	
RoHS Exemption (when applicable)	7 (c) - I	
Article (product) safe handling information	Handling	The Lead titanium zirconium oxide is found in various piezoelectronic devices, or in a glass or ceramic matrix compound. After handling and servicing the valve wash off immediately with soap and water.
	Storage	Do not store together with foodstuffs. Do not store with acids or alkalis. Do not store with combustible materials.

Product Name	Model Number	
Solenoid Valve - 2 Way: 2/2, Posiflow Proportional Solenoid Valve, Solenoid Valve - 2 Way: 2/2, 2-Way Solenoid Valve Configurator, Solenoid Valve - 3 Way: 3/2, Power Pulse diaphragm operated dust collector valves, Kits 262	Series 262, B202A011SJD2, B202A012-003, B223A123-044, B223A123-018, B223A123-023, E263B232-001, 8263K332S1J00H1, B320A192SNA8, B320B174SNA5, B320A202SND2, G353A047-XXX, X353549889001F1, M200008J00	
Part Name:	Disc	
SVHC Name:	Ethylene Thiourea	
CAS #	96-45-7	
EC #	202-506-9	
SVHC % w/w:	0.30	
RoHS Exemption (when applicable)	N/A	
Article (product) safe handling information	Handling	The Ethylene Thiourea substance is used as an accelerator in the curing of polychloroprene (neoprene) and polyacrylate rubber. After handling and servicing the valve, wash off immediately with soap and water.
	Storage	Do not store together with foodstuffs. Do not store with acids or alkalis. Do not store with combustible materials.

Product Name	Model Number	
Solenoid Valve, Advanced Redundant Control System (ARCS), Nuclear certified product, Pressure operated valve, Manual Reset Valves, Spool valves, TopBox 290-298 Solenoid Pinch valve	NF Prefix for series 025B, 210B, 210C, 210D, 215B, 215C, B223A, 8262K, B262A, B262B, 262C, B316, B320A, 8327A, 8327B, B342C, B344A, 353A, 370A, 551A, 551B, 8551A, 8551B, 8553A, 223A 8141A510FS109H1, X141547760001H1, X222544276002F1, E222B004-003, E222E002-006, E222E002-030, E222F003NLA83CH, 97702018, B266D069-008, B266D069-010, 284367-01-001; -002, 28436801BRA4, P890AD2101AT1F1, X29052007300100, X29052007600100, B300A081NRD4, B300A081P3D4, B300A082NUA8, B300D055NST1, B300D058-016, B300D058O-T1, B300D068-014, B314A301NFD23P1, B345E001-020X29052007800100, X29052008000100, B307B00X, NFB308B040, NFB308C043F, B314A301NFD23P1, B408B006-003, P890AD1301AT1X0, P890AD2301AT1F1	
Part Name:	O-RING	
SVHC Name:	Dodecamethylcyclhexasiloxane (D6)	
CAS #	540-97-6	

EC #	208-762-8	
SVHC % w/w:	0.25 - 0.50	
RoHS Exemption (when applicable)	N/A	
Article (product) safe handling information	Handling	This substance is used in the following: washing & cleaning products, polishes, waxes, cosmetics, personal care products, polymers, and laboratory chemicals. After handling and servicing the valve wash off immediately with soap and water.
	Storage	Do not store together with foodstuffs. Do not store with acids or alkalis. Do not store with combustible materials.

Product Name	Model Number	
Preciflow Proportional Valves, Manual Drain Brass, Filter Regulator Lubricator, Valve Manifold Assembly, Sentronic LP	651A, 652A, 653A series, 188 series, 617A series X202550072001F3, X202550073001F3, X202550074001F3, 8641AKA010A00HM, 8641AKB01R117HM, 8641AKJ01R117HM, 8641APA010A00HM, 8641APA030A00HM, 8641APB010A00HM, 8641APB010A01HM, 8641APH010A00HM, 8641APJ010A00HB, 8641APJ010A00HM, 8641APJ020A00HM, 8641APP010A00HM, 8643APA050A00HA, 8643APB040A00HM, 8643APB050103HM, 8643APB050A01HM, 8643APJ050A00HM, 8643APJ05R101HC, 8643APJ05R101HM, 8643APJ05T101HQ, 60510010-446, 60570110-447, 60570023-441, 60590010, 60510000-429, 60592000-440, 32900031	
Part Name:	Seal, Diaphragm	
SVHC Name:	6,6' -di-tert-butyl-2,2' -methylenedi-p- cresol	
CAS #	119-47-1	
EC #	204-327-1	
SVHC % w/w:	>0.10%	
RoHS Exemption (when applicable)	N/A	
Article (product) safe handling information	Handling	This substance is used in the following: washing & cleaning products, polishes, waxes, cosmetics, personal care products, polymers, and laboratory chemicals. After handling and servicing the valve wash off immediately with soap and water.
	Storage	Do not store together with foodstuffs. Do not store with acids or alkalis. Do not store with combustible materials.

2. SVHC's Safe Use Notification

SVHC:	LEAD (CAS# 7439-92-1)	
SVHC safe handling information	Fire-Fighting Measures	<p>Suitable extinguishing media: Water spray jet, Dry sand</p> <p>Extinguishing media that must not be used for safety reasons: Full water jet, Foam</p> <p>Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases</p> <p>In case of fires, hazardous combustion gases are formed: Lead fumes, Lead oxide</p> <p>Special PPE for fire-fighters: Appropriate breathing apparatus may be required. Wear protective clothing.</p>
	Storage	<p>Precautions for safe handling: Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.</p> <p>Conditions for safe storage, including any incompatibilities: Store in cool place. Keep container tightly closed in a dry and well-ventilated place.</p>
	Disposal	<p>Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.</p> <p>Contaminated packaging, dispose of as unused product.</p>

SVHC:	LEAD TITANIUM ZIRCONIUM OXIDE (CAS# 12626-81-2)	
SVHC safe handling information	Fire-Fighting Measures	The material poses no specific risk of fire and requires no special firefighting measures. Excessive heat will result in the volatilization of lead compounds.
	Handling and Storage	Store and handle the material to avoid the generation of dust. The material does not degrade and therefore has no shelf life for storage purposes.
	Disposal	Refer to local and national regulations for disposal of material.

SVHC:	ETHYLENE THIOUREA (CAS# 96-45-7)	
SVHC safe handling information:	Fire-Fighting Measures	<p>Suitable extinguishing media : Water spray, foam, dry powder.</p> <p>Extinguishing media which are not suitable: All other extinguishants.</p> <p>Specific hazards: Thermal decomposition in : SO_x, NO_x.</p> <p>Specific methods: Suppress gases, fumes and/or dust with spray jet.</p> <p>Special protective equipment for firefighters: Wear a self-contained breathing apparatus.</p>
	Storage	Technical measures / Storage conditions : Store protected from moisture and heat.

		Incompatible products: Oxidants, strong acids. Packaging materials: Recommended Paper bags.
	Disposal	Destroy the product by incineration (in accordance with local and national regulations) Disposal of packaging: Destroy packaging by incineration at an approved waste disposal site (in accordance with local and national regulations).

SVHC:	DODECAMETHYLCYCLOHEXASILOXANE(D6) (CAS# 540-97-6)	
Article (product) safe handling information	Handling	This substance is used in the following: washing & cleaning products, polishes, waxes, cosmetics, personal care products, polymers, and laboratory chemicals. After handling and servicing the valve wash off immediately with soap and water.
	Storage	Do not store together with foodstuffs. Do not store with acids or alkalis. Do not store with combustible materials.

SVHC:	6,6'-DI-TERT-BUTYL-2,2'-METHYLENEDI-P-CRESOL (CAS# 119-47-1)	
SVHC safe handling information:	Fire-Fighting Measures	In case of fire, use water spray (fog), foam or dry chemical.
	Storage	Do not store above the following temperature: 40°C (104°F). Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food and drink. Keep container tightly closed and sealed until ready for use.
	Disposal	For disposal within the EC, the appropriate code according to the European Waste List (EWL) should be used. It is among the tasks of the polluter to assign the waste to waste codes specific to industrial sectors and processes according to the European Waste List (EWL).

3. Your responsibility if you resell Emerson products.

The aim of Article 33 is to ensure that sufficient information is communicated down the supply chain to allow the safe use of articles by end-users including consumers. The information flow along the supply chain should enable all buyers and sellers to take, at their stage of the use of the article, the appropriate risk management measures to guarantee the safe use of articles containing Candidate List substances by end users or consumers.

If you purchase Emerson products to resell further down in the supply chain, please note your duty to inform your customers, end users and consumers. You may have a more precise understanding of

where and how the Products are used by end users or consumers, so you should identify and communicate any additional information available to you and relevant for the activities his customers carry out.

Please note that a distributor (reseller) supplying products to private consumers has a communication obligation to respond to consumer requests, which is not discharged by simply referring the consumer to your supplier, or the producer/importer of the articles.

Therefore, if you encounter requests from consumers, please work with them to at least identify the nature of request and coordinate your response with us.

We will continue to monitor the Candidate List and provide all required information in accordance with Article 33 of the REACH Regulation.

We remain at your disposal if you have any further questions or comments. Please do not hesitate to contact us thru your usual contact, our sales representative, at any time.

Best Regards,



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ASCO