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YOUR REF

OUR REF  
JH

DATE  
07/09/2023

**Hazardous substances in Electrical and Electronic Equipment**

**TO WHOM IT MAY CONCERN**

Motor Types: Low Voltage Motors types: 2EL..., 3EL..., 3EG..., 2MD..., 2MS...

The manufacturers of FCM electric motors have been committed to the development and production of environmentally friendly products for a long time. This also includes the avoidance of hazardous substances in FCM electric motors without affecting their performance and the benefits the motors provide to the customers.

The compliance with the restrictions of hazardous substances in electrical equipment at the manufacturing base in Turkey has been verified by Intertek as an independent surveyor.

**RoHS Directive (2011/65/EU)**

We confirm that the FCM electric motors supplied by Van Houcke NV/Van Houcke UK Ltd fall within the scope of the RoHS Directive 2011/65/EU and meet the requirements of the RoHS Directive. The conformity of the electric motor ranges with the RoHS Directive and the national laws implementing the RoHS Directive is declared in our *EU Declaration of Conformity*, which is available for download from our website. Detailed information on compliance with substance restrictions in accordance with Art. 4 of the RoHS Directive can be provided upon request. Additional requirements must be specified in separate agreements.

The RoHS Directive (EU) 2011/65/EU was amended by the Directive 2015/863/EU in March 2015, in order to include further substance restrictions. In addition to the six substances already regulated, di(2-ethylhexyl) phthalate (DEHP), butylbenzylphthalate (BBP), dibutylphthalate (DBP) and diisobutylphthalate (DIBP) were amended on the list.

The restrictions of these four new substances are effective from 22 July 2019 for products of categories 1-7, 10 & 11 and from 22 July 2021 for products of categories 8 & 9. We can confirm the compliance of the FCM electric motors with Directive 2015/863/EU at the dates when the restrictions of the amended substances become effective.

**REACH Regulation (1907/2006)**

REACH currently defines the following duties that are relevant in the supply chain:

- Manufacturers and importers of certain dangerous substances, preparations and articles must register these substances, preparations and articles with the European Chemicals Agency (ECHA) if the substances in question are manufactured or imported in quantities > 1 tonne per annum.
- Producers and importers of articles that are intended to release a substance under normal or reasonably foreseeable conditions of use must register the substance in question if the total content in the articles is > 1 tonne per annum.
- Substances which are subject to mandatory registration that have been pre-registered by 01 December 2008 must be registered within specified deadlines.

- Suppliers of substances and preparations must provide the recipient either with a Safety Data Sheet set out according to Article 31 or with Safety Information according to Article 32 of REACH.
- According to Article 33 of REACH, a supplier of a product, which includes one or several articles in which one of the substances listed on the Candidate List (<http://ECHA.europa.eu/web/guest/candidate-list-table>) is contained in concentrations higher than 0.1 % weight by weight (w/w) must provide the recipients of the product and, upon request, its consumers, with information on the substance in question if listed on Candidate List of substances and provide sufficient volume of information to allow safe use.
- Downstream users (users of substances and preparations) have a duty to inform their suppliers under Article 34 and have further rights and obligations according to Article 37 of REACH.

The manufacturers of FCM electric motors fulfil the obligations defined in the REACH Regulation and have pre-registered all substances, which are subject to registration, that are manufactured or imported by them in due time and will register further substances as necessary at the specified deadlines.

FCM electric motors are not subject to the obligatory registration in terms of the REACH Regulation, as they are articles (not substances or preparations). Additionally, no substances release from these articles under normal and reasonably foreseeable conditions of use.

The information required by Article 33 of the REACH Regulation is written in the delivery documents for the products concerned. Furthermore, if a product is affected with the REACH Regulation, detailed information on REACH Article 33 can be requested specifically for the product.

The manufacturers of FCM electric motors undertake to regularly compare the products with the information available to them from upstream users regarding the substances listed in the candidate list, in accordance with the requirements of the REACH regulation.

Specific or additional requirements must be laid down in separate agreements.

The current version of the candidate list is published on ECHA's website under the following link:  
<http://echa.europa.eu/web/guest/candidate-list-table>



Dielen De Rese  
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