

	<b>GS Yuasa Battery Manufacturing UK Ltd.</b>  Quality Assurance Department email: Michael.Taylor@gs-yuasa.uk	Document Ref: EV DfC001 Candidate List of 224 SVHC-V29
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## Candidate List of Substances of Very High Concern for Authorisation

PRODUCT: **Valve Regulated Lead-Acid (VRLA) Industrial Batteries**  
Manufactured in Japan, United Kingdom, Taiwan, and China

NAME & ADDRESS OF SUPPLIER: **GS Yuasa Battery Europe Ltd.**  
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This declaration is issued under the sole responsibility of the above supplier

### REACH

Regulation No 1907/2006 of the European Parliament and of the Council of 18<sup>th</sup> December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Certain substances that may have serious and often irreversible effects on human health and the environment can be identified as Substances of Very High Concern (SVHC). REACH aims at ensuring that the risks resulting from the use of SVHC are controlled and that the substances be replaced where possible.

The identification of a substance as a Substance of Very High Concern (SVHC) and its inclusion in the Candidate List is the first step of the authorisation procedure. Companies may have immediate legal obligations following such inclusion which are linked to the listed substance on its own, in preparations and in articles.

**Helsinki 10<sup>th</sup> June 2022** - ECHA has added 1 new substance to the Candidate List which now contains 224 substances. The Candidate List of SVHC can be viewed at: <https://echa.europa.eu/candidate-list-table>  
Metallic Lead is already included in the list, this is an intrinsic component of Lead Acid batteries and cannot be substituted.

### GS Yuasa Battery Europe Limited

Following the judgment of the European Court of Justice of 10 September 2015 in case C-106/14, ECHA has now updated its guidance on requirements for substances in articles. According to the ruling, the legal obligations also apply to articles (components) that are present in complex products (i.e. products composed of several articles) as long as these articles keep a special shape, surface or design or as long as they do not become waste.

With this new interpretation of the regulations GS Yuasa has conducted a thorough investigation into all component parts (i.e. articles) present in the finished article, (battery). Other than metallic Lead no raw material or component contains a substance on the Candidate List of SVHC, or in the Restricted List of Annex XVII of REACH above the 0.1% limit.

Substance name	EC number	CAS Number	SVHC property	Approx. amount of substance in article	REACH Limit
Lead monoxide (Lead oxide)	215-267-0	1317-36-8	Toxic for reproduction (Article 57 c)	<< 0.1% ( w/w )	< 0.1% ( w/w )
Lead	231-100-4	7439-92-1	Toxic for reproduction (Article 57 c)	60% ( w/w )	< 0.1% ( w/w )

These substances are wholly contained within the battery case and pose no risk to human health and the environment when used correctly according to GS YUASA's recommendations. At the end of life the batteries must be collected and recycled by an authorised route, according to local and national regulations.

Issued for and on behalf of **GS Yuasa Battery Manufacturing UK Ltd.**

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Certificate No: EMS 55229



Certificate No: OHS 532991