



Statement of REACH-224 Compliance

03 October 2022

This statement is confirmation that IQD Frequency Products Ltd are aware of the European Union REACH (Registration, Evaluation and Authorisation [and restriction] of Chemicals) regulation which entered into force on the 1ST June 2007.

IQD are also aware of the expansion of the REACH Substances of Very High Concern (SVHC) list to 224 substances on 10th June 2022.

IQD products are articles defined under REACH as, ‘...an object which during production is given a special shape, surface or design which determines its function to a greater degree than does its chemical composition..’ (Article 3(3)) and does not release substances under their normal use.

Suppliers of articles must provide recipients with information on SVHCs if those are present above the concentration limit of 0.1% on an article level. IQD’s products do not generally contain any of the currently listed SVHC’s above this concentration limit, except in some cases where the following models may contain >0.1% of total weight of the following SVHC’s;

Model	SVHC Substance
85SMX	Lead (Pb) CAS: 7439-92-1 Diboron Trioxide (B ₂ O ₃) CAS: 1303-86-2
86SMX & 86SMX-LP	Lead (Pb) CAS : 7439-92-1
CFPT-123	Methylhexahydrophthalic Anhydride (C ₁₈ H ₂₄ O ₆) CAS: 25550-51-0 Lead (Pb) CAS: 7439-92-1
Statek Models with SM2 / SM3 Terminations	Lead (Pb) CAS: 7439-92-1 all ‘F1’ part numbers
IQXO-791	Diboron Trioxide (B ₂ O ₃) CAS: 1303-86-2
IQXO-794	Diboron Trioxide (B ₂ O ₃) CAS: 1303-86-2 Methanol (CH ₄ O) CAS: 67-56-1
87SMX	Diboron Trioxide (B ₂ O ₃) CAS: 1303-86-2
HC49	Diboron Trioxide (B ₂ O ₃) CAS: 1303-86-2
HC49/4H	Diboron Trioxide (B ₂ O ₃) CAS: 1303-86-2
HC49/4H-AUTO	Diboron Trioxide (B ₂ O ₃) CAS: 1303-86-2
HC49/3H	Diboron Trioxide (B ₂ O ₃) CAS: 1303-86-2
HC49/3H - AUTO	Diboron Trioxide (B ₂ O ₃) CAS: 1303-86-2
HC49/3.5H	Diboron Trioxide (B ₂ O ₃) CAS: 1303-86-2
HC49/3.5H - AUTO	Diboron Trioxide (B ₂ O ₃) CAS: 1303-86-2
HC49/2.5H	Diboron Trioxide (B ₂ O ₃) CAS: 1303-86-2
HC49/2.5HSMX	Diboron Trioxide (B ₂ O ₃) CAS: 1303-86-2
HC49/3.5HSMX	Diboron Trioxide (B ₂ O ₃) CAS: 1303-86-2



CFPX-56	Diboron Trioxide (B ₂ O ₃) CAS: 1303-86-2
UM1, UM5	Diboron Trioxide (B ₂ O ₃) CAS: 1303-86-2
WATCH 2X6, 3X8	Diboron Trioxide (B ₂ O ₃) CAS: 1303-86-2
HC49/4HSMX	Diboron Trioxide (B ₂ O ₃) CAS: 1303-86-2
HC49/4HSMX -AUTO	Diboron Trioxide (B ₂ O ₃) CAS: 1303-86-2
CFPX-155 & CFPX-171	Diboron Trioxide (B ₂ O ₃) CAS: 1303-86-2 Lead (Pb) CAS: 7439-92-1
86SMX-LP	Diboron Trioxide (B ₂ O ₃) CAS: 1303-86-2 Lead (Pb) CAS: 7439-92-1
E4197LF	Lead (Pb) CAS: 7439-92-1
E4728LF	Lead (Pb) CAS: 7439-92-1

Statement on Diboron Trioxide CAS: 1303-86-2

Some of our products contain Diboron Trioxide in the glass frit part of the device. When Diboron Trioxide becomes a solid solution it forms a multi-component substance (UVCB – substance of unknown or variable composition, complex reaction products) such as glass. In general, UVCB substances do not have a corresponding CAS number. Therefore, we show Diboron Trioxide as CAS: 1303-86-2, which multi-component substances are made from.

It is difficult to assign a CAS number to a UVCB substance like glass, which assumes no amorphous state with no identifiable crystal-like system and ceramics which do not always have the ingredients in proportions. In general, UVCB substances like glass/ceramics cannot be identified with a specific CAS number. Instead it has been established practice to express the constituent substances as oxides (diboron trioxide (B₂O₃), for example) and then describe the final UVCB as a mixture of such oxides. We consider it important to note that the oxides themselves are not included in a UVCB, although UVCB is identified with the oxides.

Under the REACH Regulation, as glass is considered a UVCB substance, it is exempted from the REACH Regulation Annex V (11), 'Obligation to Register'.



Waste Framework Directive (2008/98/EC) and SCIP Reporting Requirement

The European Union Waste Framework Directive (WFD) (2008/98/EC) has mandated since 05 January 2021 that business entities within the EU should report into the European Chemicals Agency (ECHA) database for storing safe-use information for substances of very high concern (SVHCs) present in articles or complex products >0.1% w/w placed on the market within the EU.

The EU Waste Framework Directive adds to existing requirements under the REACH regulation. The ECHA has defined the goals of the database:

1. Decrease waste containing hazardous substances by supporting substitutions of SVHCs in articles entering the EU market.
2. Increase transparency into product composition to improve waste treatment operations.
3. Allow for the monitoring of SVHC use in articles so appropriate actions may be taken at any stage of an articles Lifespan, including the waste stage.

As IQD is a UK entity outside of the EU we cannot submit declarations into the SCIP database, however, we do provide information on chemical content and concentrations to our customers to enable them to make the submissions. If you have any enquiries relating to SCIP reporting please contact the IQD QA team.

A handwritten signature in blue ink that reads 'C. Goddard'.

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Charlotte Goddard

Quality Manager

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