

## **Restriction of Hazardous Substances (PFOS / PFOA)**

As from 12<sup>th</sup> December 2006 EC Directive 2006/122/EC restricts the sale and use of Perfluorooctane Sulphonates as it has been concluded that they fulfil the criteria for being persistent organic pollutant's (POP's) under the Stockholm Convention.

Schloetter sell only one product affected by this directive:

Slotochrome FT248 - A spray suppressant for Chromium plating baths.

The above Directive has a listed derogation for this product

“When used for non-decorative hard chrome plating and in controlled electroplating systems where the amount of PFOS released into the environment is minimised by best available techniques.”

The reasoning behind this derogation is that spray released by electrolysis of Hexavalent Chrome is more damaging to personal safety and the environment than the foam blanket that prevents it's escape from the plating bath. The derogation specifically excludes bright Chrome plating baths as it is considered safety and environmental best practice to use trivalent Chrome processes which do not carry the mist problem associated with Hexavalent Chrome.

There is currently no technology available to produce a hard Chrome plate without the use of Hexavalent Chrome.

No other proprietary additives from the Schloetter group contain PFOS or PFOA.

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