

Fumetrol® 21 LF 2

Latest non-PFOS mist suppressant



General metal finishing

Functional chrome

www.atotech.com



Second generation non-PFOS low foaming mist suppressant

non-PFOS

non-PFT*

CARB / SCAQMD approved

Low misting, reduced contamination, low foaming and less drag-out

Fumetrol® 21 LF 2 is the latest generation of non-PFOS, low foaming, permanent mist suppressant for hard chrome and decorative chrome plating processes. Its ease of operation, high stability and simple conversion of old suppressant systems makes it the ideal choice for reducing mist and complying with the latest PFOS directives.

With Fumetrol® 21 LF 2 Atotech introduced the successor to the well known and established Fumetrol® 21 LF product. Fumetrol® 21 LF 2 is a proven, robust and effective permanent type, low foaming non-PFOS mist suppressant for chrome plating applications.

* PFT = Perfluorinated Tenside



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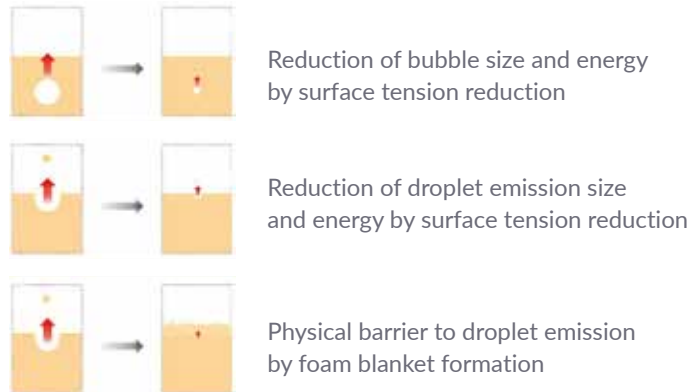
Low-foaming, non-PFOS mist suppressant



Figure 1-2:
Automotive parts plated
in a hard chrome bath with
Fumetrol® 21 LF 2

How Fumetrol® 21 LF 2 works

The different ways that mist suppressants reduce Cr⁶⁺ aerosols



Ease of use

Fumetrol® 21 LF 2 can be easily controlled by measuring the surface tension of the plating bath and adding the relevant amount of Fumetrol® 21 LF 2 needed to adjust it. The surface tension when using Fumetrol® 21 LF 2 can be measured by either ring, plate and bubble tensiometers as well as stalagmometers.

Approved use

Fumetrol® 21 LF 2 has been approved by the Californian Air Resource Board for use in hard chrome plating. Passing the stringent Chrome Plating Airborne Toxic Control Measures test requirements are a testament to the superior capabilities of Fumetrol® 21 LF 2.

Features and benefits

- Non-PFOS formulation
- Excellent low foaming action
- Dramatic reduction of Cr(VI) mist in the work area
- Less drag-out and solution loss due to mist emissions
- 1 product for make-up and replenishment

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