

Revision 0
20/07/2022

SUBJECT: PENTASODIUM PENTETATE

The recently published 18th ATP (EU/2022/692) to the EU CLP Regulation (EC/1272/2008), includes a reclassification of Pentasodium Pentetate (CAS 140-01-2) as a Reprotoxic CMR 1B.

As the EU cosmetic's industry are not defending the materials continued use, as a CMR the material will be added to Annex II (prohibited substances) of the Cosmetic Product Regulation (EC/1223/2009).

In response to this regulatory change, Stephenson have undertaken a reformulation project over the last 18 months to remove Pentasodium Pentetate from all of our formulations. The materials acts as a chelating agent within our formulations.

Laboratory performance and evaluation testing, has identified the alternative chelate, Tetrasodium Iminosuccinate (CAS 144538-83-0), to be an effective and suitable replacement.

Tetrasodium Iminosuccinate is a very effective chelate and is already currently used effectively in several Stephenson products.

The inclusion of Tetrasodium Iminosuccinate as a replacement for Pentasodium Pentetate, has been found to have no adverse effects on either product performance or physical properties. Product stability and production trials have been conducted to validate this change.

Paul Yates
Head of Technical

T: +44 (0) 113 205 0900

Registered in England No. 68499 Registered Office:
Brookfoot House, Low Lane, Horsforth, Leeds LS18 5PU, UK

www.stephensonpersonalcare.com

hello@stephensonpersonalcare.co.uk

