



Consumer products

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REACH restrictions updated for PAHs

4 March 2015, EU published Official Journal "L 58/43" amending the 50th entry of Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards polycyclic aromatic hydrocarbons, adopting the new standard EN 16143:2013 as the reference method to determine compliance of extender oils with the restriction in paragraph 1 of column 2 of entry 50 of Annex XVII to Regulation (EC) No 1907/2006. This new method will replace the citation of method IP 346:1998 and will come into full operation from the date 23 September 2016.



Annex XVII to Regulation (EC) No 1907/2006 is amended as follows:

in entry 50, column 2, paragraph 1, the second subparagraph is replaced by the following subparagraphs:

The standard EN 16143:2013 (Petroleum products — Determination of content of Benzo(a)pyrene (BaP) and selected polycyclic aromatic hydrocarbons (PAH) in extender oils — Procedure using double LC cleaning and GC/MS analysis) shall be used as the test method for demonstrating conformity with the limits referred to in the first subparagraph.

Until 23 September 2016, the limits referred to in the first subparagraph may be regarded as kept, if the polycyclic aromatics (PCA) extract is less than 3 % by weight as measured by the Institute of Petroleum standard IP 346:1998 (Determination of PCA in unused lubricating base oils and asphaltene free petroleum fractions — Dimethyl sulphoxide extraction refractive index method), provided that compliance with the limits of BaP and of the listed PAHs, as well as the correlation of the measured values with the PCA extract, is measured by the manufacturer or importer every six months or after each major operational change, whichever is earlier.'

As for the German PAHs requirement, in August 2014, German committee on technical equipment and consumer products ATAV published requirement on control of PAHs in products which are subject to the GS certification, and the rule is to become effective on and from July 1, 2015. Enterprises should pay attention to that. For details please see to HCT previous newsletter "HCT-201410-01 Major Changes in the Germany PAHs Requirements".

HCT solution :

PAHs normally contains in the petrochemicals, Rubber, plastics, lubricating oil, slushing oil and in the incomplete combustion organic compounds. Related enterprises should pay attention to the PAHs contained in products. HCT has the qualified quality to test PAHs, could help provide PAHs testing and query services for customers.

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