

Senate Community Affairs Committee

ANSWERS TO ESTIMATES QUESTIONS ON NOTICE

HEALTH PORTFOLIO

Supplementary Budget Estimates 2014 - 2015, 22 October 2014

Ref No: SQ14-001127

OUTCOME: 7 - Health Infrastructure, Regulation, Safety and Quality

Topic: Cosmetics Testing

Type of Question: Written Question on Notice

Senator: Rhiannon, Lee

Question:

How many, and which, cosmetics ingredients have been approved using non-animal tested substances that have been validated in other jurisdictions such as the EU under its non-animal testing regime?

Answer:

In the 2013-14 financial year there were:

- Six certificates issued for cosmetic ingredients assessed under the Standard notification category for which there was at least one toxicological data requirement in which validated non-animal test methods were used. The ingredients were:
 1. D-Glucopyranose, oligomeric, 12-hydroxyoctadecyl glycosides (INCI Name: Hydroxystearyl Glucoside);
 2. 2-Propenoic acid, 2-cyano-3-(4-methoxyphenyl)-3-phenyl-, 2-ethylhexyl ester (INCI Name: Ethylhexyl Methoxycrylene);
 3. 1,2,3-Propanetricarboxylic acid, 2-hydroxy-, tri-C14-15-alkyl esters (INCI name: Tri-C14-15 alkyl citrate);
 4. L-Arginine hydrogen carbonate (INCI name: Arginine Bicarbonate);
 5. Imidazolium compounds, 2-(C9-19 and C9-19-unsatd. alkyl)-1-[(C10-20 and C10-20-unsatd. amido)ethyl]-4,5-dihydro-1-Me, Me sulfates (INCI name: Quaternium-87); and
 6. 1,2,3-Propanetriol, homopolymer, dodecanoate.
- Six certificates issued under the Limited notification category for which data from validated non-animal test methods was available and submitted at the time of the National industrial Chemicals Notification Scheme (NICNAS) notification. The ingredients were:
 1. 1,2,4-Benzenetricarboxylic acid, 1,2,4-tritridecyl ester (INCI name: Tridecyl Trimellitate);
 2. Decanedioic acid, polymer with 1,2,3-propanetriol, octanoate (INCI name: Capryloyl Glycerin/Sebacic Acid Copolymer);
 3. Aristoflex TAC (INCI name: Ammonium Acryloyldimethyltaurate

/Carboxyethyl Acrylate Crosspolymer);

4. Bicyclo[2.2.1]hept-5-ene-2-carboxylic acid, ethyl ester;
5. Dimethicone/Polyglycerin-3 Crosspolymer; and
6. Siloxanes and Silicones, 3-[(2-aminoethyl)amino]propyl Me, di-Me, methoxy-terminated, reaction products with polyethylene glycol Bu glycidyl ether.

Note that:

1. The provision of toxicological data is only a scheduled data requirement (in legislation) for the Standard notification category; however, where the notifier has available toxicological data at the time of the NICNAS submission for other categories (such as the Limited notification category) it must be provided to NICNAS.
2. In the above analysis 'validated non-animal test methods' included:
 - a. test methods with an Organisation for Economic Co-operation and Development test guideline (e.g. the EpiSkin dermal irritation method); and
 - b. the use of the read-across method, in which historical animal test data on analogue chemicals (i.e. chemicals that are structurally similar and are predicted to have the same or similar toxicity profile) are used.