

 Green Mark	Cleaning Products for Skin and Hair	No. 68
		Category No. L-06
<p>1. Scope This standard applies to cleaning products for skin and hair care, including products which meet the definitions of <i>CNS 549 Toilet Soap</i> and <i>CNS 3901 Cosmetic Soap</i>.</p> <p>2. Terms and definitions For the purpose of this standard, the following terms and definitions shall apply. Plastic microbeads (or microplastics): Manufactured solid plastic particles of less than five millimeters in size, usually added into cleaning products for exfoliating or cleaning purpose.</p> <p>3. Product characteristics</p> <p>3.1 The pH value of the product and biodegradability of the surface active agent(s) in the product shall comply with the requirement of the regulatory limit.</p> <p>3.2 The product shall not contain fluorescent brightening agent, butylated hydroxytoluene (BHT), butylated hydroxyanisole (BHA), formaldehyde, triclosan, chlorine-containing additives (except sodium chloride) and benzophenone UV absorbers. The measured contents of these aforementioned substances shall comply with the requirements of the regulatory limits.</p> <p>3.3 The product's contents of total phosphorus, nitrilotriacetic acid (NTA), perborate, ethylenediamine tetraacetic acid (EDTA), and alkylphenoethoxylate (APEO) shall comply with the specified limits.</p> <p>3.4 The product shall not contain substances or mixtures assigned the following hazard or precautionary statements by the Globally Harmonized System of Classification and Labelling of Chemicals (GHS): H300, H301, H302H304, H310, H311, H312, H318, H330, H331, H332, H336, H340, H350, H351, H360, H361, H362, H370, H372, H373, H400, H410, H411, H412, H413, and P273. The applicant shall provide a complete list of product's ingredients, their compositions, and associated safety data sheets (SDSs) for review. The SDS shall contain the ingredients' names, CAS Nos. and applicable GHS hazard and precautionary statements.</p> <p>3.5 The product shall not contain added plastic microbeads.</p> <p>4. Test methods and regulatory limits The regulated substances and regulatory limits for this standard are listed below. The applicable test methods shall be the national, international or specific industry standard methods, and the test reports shall be issued by accredited professional testing organizations.</p>		
Date of Promulgation: October 3, 2001	Environmental Protection Administration, Executive Yuan, R.O.C. (Taiwan)	Date of Latest Revision: Feb. 13, 2019

Applicable Content	Regulated Substance	Regulatory Limit	Referenced Test Method
Cleaning Product	biodegradability of surface active agent	$\geq 95\%$	CNS 4984 CNS 4985 CNS 4986
Cleaning Product	fluorescent brightening agent	No fluorescent reaction	CNS 4986
Cleaning Product	butylated hydroxytoluene (BHT)	< 5 ppm	CNS 9027
Cleaning Product	butylated hydroxyanisole (BHA)	< 5 ppm	CNS 9027
Cleaning Product	formaldehyde	< 15 ppm	NIEA R502 CNS 9538
Cleaning Product	triclosan	< 5 ppm	NIEA R814 CNS 15492
Cleaning Product	chlorine-containing additive	< 0.01%	CNS 4986
Cleaning Product	benzophenone UV absorbers	< 5 ppm	CNS 13105
Cleaning Product	total phosphorus	< 0.1%	ASTM D2357
Cleaning Product	nitrilotriacetic acid (NTA)	< 0.1%	CNS 13105
Cleaning Product	perborate	< 0.1%	CNS 4986
Cleaning Product	ethylenediamine tetraacetic acid (EDTA)	< 0.01%	ASTM D4954
Cleaning Product	alkylphenoethoxylate (APEO)	< 0.05%	CNS 4986
Cleaning Product	pH	Toilet soap & cosmetic soap: 5-10, others: 5-9	CNS 4897 NIEA R208

*: The test report shall provide evidence that the employed test methods have detection limits of less than 1/3 of the regulatory limits.

5. Packaging

5.1 The materials of the product packaging shall meet the requirements of the *Guidelines on Review of Applications for Qualified Environmental Protection Products*.

5.2 The body and accessory parts of the product container cannot contain polyvinyl chloride (PVC) or other chlorine-containing plastics. All plastic parts shall be made of a single material, except product refill packs.

6. Labeling

6.1 The product's packaging or container shall indicate all contents of substances restricted or banned by this product criteria, product uses, and method of usage. The labeling of chemical ingredients shall be done by using chemical names, and shall not be substituted with common names, abbreviations or commercial names.

6.2 The name, address and consumer hotline of the Green Mark user shall be clearly printed on the product or packaging container.

6.3 The product packaging shall bear a label reading “Biodegradability Greater Than 95%” and “Low Pollution”. The definition of biodegradability shall also be explained in plain language, so that consumers may understand its meaning.

7. Other requirements

The sampling of the product shall be conducted by the representatives from both the Taiwan EPA registered inspection and testing organization and the product manufacturer together, at the site where the product is being sold, in a random manner; if necessary, the Taiwan EPA may also send its representative(s) to take part in the joint sampling at the product manufacturing site.

Revision History:

First revision: September 13, 2002

Second revision: November 16, 2007

Third revision: August 27, 2008

Fourth revision: January 15, 2013

Fifth revision: October 21, 2014

Six revision: January 25, 2017

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