

# JAPAN COSMETIC INDUSTRY ASSOCIATION

## Comment

March 30, 2011

### Statement in regards to the Fukushima Nuclear Power Plant I Accident

Various reports regarding the accident are released every day by Japanese Government as well as by media including radioactive substances detected in drinking water and agricultural products in some area near to Fukushima. Many of consumers must have concerns about the safety of cosmetics manufactured in Japan.

Japan Cosmetic Industry Association would like to extend the following message to consumers who hope to use cosmetics without concern. Cosmetic products manufactured in Japan are safe based on available data as shown in the below.

1. Cosmetics are manufactured in in-door environments highly controlling extraneous substances and particles. The possibility that radioactive substances in the atmosphere would affect the production process is extremely low.

2. Provided that the water with acceptable standard level of radioactive substances applied to drinking water designated by Ministry of Health, Labour and Welfare is used in the all manufacturing process<sup>i</sup>, and that the product is used every day for one year, the total amount of radiation exposure from the cosmetic product would be no more than 7.8 microsieverts per year<sup>ii</sup>, which has no effect on human health.

3. Japanese Government states the present level of radioactive substances in water supply does not pose any problem when used in contact with human skin by hand washing, shampooing, bathing, etc.

The same can be said for cosmetic products, which are mainly applied to the skin. Thus we believe cosmetic products, even if they are manufactured using the said water are safe when used under normal and foreseeable way.

As it is well known, we are exposed to 2,400 microsieverts of naturally occurring radiation per year on average<sup>iii</sup>.

We, Japan Cosmetic Industry Association state that cosmetics produced in Japan will not in any way adversely affect consumers' health due to radioactive substances released into the atmosphere by the recent accident at Fukushima Nuclear Power Plant I.

# JAPAN COSMETIC INDUSTRY ASSOCIATION

Japan Cosmetic Industry Association will continue to closely monitor the information released by Japanese Government and other bodies, and will put top priority in our activities to ensure the safety of cosmetics manufactured in Japan to respond to all consumers in the world.

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<sup>i</sup> Calculations based on hypotheses that total amount of radioactive substances in cosmetics are taken into human body by use of cosmetics. Since cesium is not detected at present in the water supply, the radioactive decay of Iodine 131 is used for the calculation, considering days necessary for manufacturing, quality control, shipment from warehouse to consumers. Refer to Attachment for detailed calculation method.

<sup>ii</sup> Calculation using the level of oral intake since no such figure exists for cosmetics at present.

<sup>iii</sup> Report by the United Nations Scientific Committee on the Effects of Atomic Radiation (UNSCEAR)