

## Meeting Report of the Special Committee for the Safety of Protein Hydrolysates in Cosmetics

Systemic wheat allergy including contact urticaria experienced by “Cha no Shizuku” soap users has become a serious problem attracting social attention. The Japanese Society of Allergology, as an organization responsible for such a matter, intends to provide correct information to patients, healthcare professionals and general public; identify and let people know medical institutions offering proper treatment; and also perform research to prevent recurrence of similar events. For this purpose, the special committee was organized and the first meeting was held.

### 1st Meeting

Date and Time: 18:00-20:00, July 17, 2011

Venue: Meeting Room of the Japanese Society of Allergy Office

Attendee: All the 14 committee members, 8 observers

Kayoko Matsunaga (Chair), Yoshiro Ikezawa, Yasuharu Itagaki, Atsuo Urisu, Shinichi Sugiura, Reiko Teshima, Yuma Fukutomi, Akiko Yagami, Michiko Aihara, Zenichiro Kato, Reiko Kishikawa, Hiroyuki Tanaka, Michihiro Hide, Eishin Morita

Witness: Norio Takeda, Norio Sakaki from Yuuka Co., Ltd.

Yoshiyasu Sotoike, Hiroshi Fukuromoto from Phoenix Co., Ltd.

Observer: Yuko Chinuki

Katsuhiro Takano, Hitoshi Sasa, Mariko Sugiyama (Japan Cosmetic Industry Association)

### Minutes:

1. The chairperson read the message of the Japanese Society of Allergology President, which states the purpose and the object according to which the Committee is to carry out the activities. It was agreed that the Committee is to correctly understand what is happening and consider what should be done to achieve and protect national health. Confirming the agenda of the first meeting, the committee discussed the following matters with the observers and witnesses present.
2. Harmful effects of cosmetics containing hydrolyzed protein – data collected so far by the Japan Cosmetic Industry Association  
Report was made on hydrolyzed wheat and hydrolyzed wheat protein, each of which was defined, but details for each product had not been confirmed. The Committee agreed to request relevant companies to present manufacturing methods in order to identify the possible causes. As there were some cases of rash caused by cosmetics containing hydrolyzed wheat protein, the Committee requested the Association to investigate further.
3. Present conditions relating to “Cha no Shizuku” soap bar  
Yuuka Co., Ltd. (soap manufacturer) presented the following data.

Sales duration of the soap and hydrolysate contained:

March, 2004 - September 26, 2010: Hydrolyzed wheat powder, Glupearl 19S

September 27, 2010- December 7, 2010: Promois WG-SP (hydrolyzed wheat powder of smaller molecular weight)

December 8, 2010- June 19, 2011: Hydrolyzed silk liquid

June 20, 2011- Present: Hydrolyzed silk liquid removed

Adverse effect cases reported:

Medical certificates: 159

Other sources: 459

Notification from physicians: 109

As to the initially released soap, 4,6508,000 cakes were sold to a total of 4,667,000 registered customers, which indicates vastness of the impact.

Clinician members indicated the necessity of more public announcement based on the fact that there still existed individuals who did not know the company was recalling the products.

Serious disorder case was reported by the Japanese Society for Dermatoallergology and Contact Dermatitis.

4. Analysis of Glupearl 19S as antigen causing sensitization and consideration of cross reactivity (interim report)

Health, Labor and Welfare Ministry's research group, established in April, 2011 to investigate causes, made an interim report on Glupearl 19S as to the following: property as antigen causing sensitization; relationship with allergy expression; physical-chemical property and antigen analysis; and animal experiment result.

5. Provision of on-line clinic information

Dr. Fukutomi suggested a concrete idea to provide the public with sufficient information of medical institutions offering relevant treatment. He proposed that society member clinics that can conduct skin prick test should be sent an e-mail asking for registration as an institution offering applicable treatment.

(The Japanese Society for Dermatoallergology and Contact Dermatitis is going to take the similar measure.)

6. Future action

[Continued activities]

- 1) Grasp of actual disorders caused by cosmetics containing hydrolyzed proteins

- 2) Grasp of actual disorders caused by the “Cha no Shizuku” soap
- 3) Analysis of Glupearl 19S as antigen causing sensitization and research of cross-reactivity
- 4) On-line collection and publication of clinics offering treatment

[System establishment]

Having realized the necessity to daily collect adverse effect information after the Yuuka soap incidents, basic design for adverse effect collection and victim rescue systems were introduced using the temporary platform.

[Treatment method development]

Our goal is to develop treatment method beneficial to patients by grasping the clinical course of disorders arising from “Cha no Shizuku” soap usage and proceeding with analysis of related antigen.