

February 18, 2019

**Otsuka Pharmaceutical Factory launches a new Engelead® Grape Jelly (78-g size)  
for persons with difficulty swallowing**

Otsuka Pharmaceutical Factory, Inc. (Head Office: Naruto, Tokushima, Japan; President and Representative Director: Shinichi Ogasawara; “OPF”) will launch Engelead Grape Jelly (78 g) on March 5, 2019.

Engelead Grape Jelly and Engelead Apple Jelly are easy-to-swallow jelly products that are insoluble in the mouth. The products help people with difficulty swallowing take food orally. They are approved as a food for special dietary use “Food for persons who have difficulty swallowing (approval standard I)”<sup>\*1</sup> as stipulated by the Consumer Affairs Agency. The product is a new addition to a 29-g Engelead Grape Jelly. With the launch of this product, Engelead Grape Jelly is available in two sizes, as with Engelead Apple Jelly.

People with difficulty swallowing have a hard time eating dry foods and foods containing liquid. Also, because they have a risk of developing aspiration, the foods they can take orally are limited. Generally, easy-to-eat foods have the following physical properties: 1. food with a uniform density, 2. food with an appropriate viscosity, 3. food not easily broken into pieces, 4. form of food easily changed when the food passes through the mouth and throat, and 5. food not sticky and not easily attached to the oral mucosa. Engelead meets these conditions and has been developed so that persons with difficulty swallowing can eat easily.

The new addition of a 78-g product is expected to be used for those who have increased the amount of food intake at one time. We believe Engelead will serve such persons well as a menu of starting diets at the beginning stage of oral intake.

OPF will further expand its lineup of medical foods<sup>\*2</sup> and continuously provide information and products which are useful in medical and nursing care settings.

Based on the corporate philosophy of “Otsuka-people creating new products for better health worldwide,” the Otsuka Group is dedicated to contributing to the health of people worldwide.

<sup>\*1</sup> Food for persons who have difficulty swallowing is one of the foods for special dietary uses provided by the Health Promotion Act. It is categorized into the approval standards I to III based on the standards of physical properties of food specified by hardness, adhesiveness, and cohesiveness. Food which can be swallowed as is is categorized into the approval standard I. Food which can be swallowed with mashing a little in the mouth is categorized into the approval standard II. Food which can be swallowed with chewing a little is categorized into the approval standard III.

<sup>\*2</sup> We call foods developed based on medical and nutritional evidence and which are useful in medical practice “medical foods.”

## Product Characteristics

1. Obtaining the labeling approval by the Consumer Affairs Agency as a food for special dietary use “Food for people with difficulty swallowing (approval standard I).”
2. Formulating agar and a gelling agent with an original ratio to provide a food that is not easy to be soluble in the mouth.
3. Can be stored at room temperature because properties of the food change little by temperature.
4. Having a refreshing flavor and aroma with the use of concentrated grape juice.

## Product Information

Brand name	Engelead <sup>®</sup> Grape Jelly (78 g)
Product category	Food (confectionery)
Regulatory classification	Food for a special dietary use “Food for persons who have difficulty swallowing (approval standard I)”
Approved labeling	This product is a jelly suitable for persons with difficulty swallowing
Ingredients	Concentrated grape juice (manufactured in the USA), sugar, agar/gelling agent (polysaccharide thickener), pH modifier, gardenia pigment, flavors, and antioxidant (rosemary extract)
Nutrition facts (per 78 g)	Calories 50 kcal, protein 0 g, fat 0 g, carbohydrate 12.3 g, and salt equivalent 0.086 g
Packaging	78 g × 10 units per box  
Best before date	6 months after manufacturing date
Storage	Store in a cool place out of direct sunlight.
Precautions	<ol style="list-style-type: none"> <li>1. Consume under the direction of physician, dentist, registered dietician, pharmacist, or speech-language-hearing therapist.</li> <li>2. Consume promptly after opening the container.</li> <li>3. Take care not to spill contents when opening the container since the container is fully filled.</li> <li>4. Use spoon to slice pieces when consuming. Do not ingest as is.</li> <li>5. If the product is fed to children, an adult needs to supervise them closely to ensure that they eat bite-sized portions of the product.</li> <li>6. Aspiration may still occur despite use of this product.</li> </ol>

Suggested retail price	140 JPY per unit (excluding tax)
Distributed by	Otsuka Pharmaceutical Factory, Inc.
Comarketed by	Otsuka Pharmaceutical Co., Ltd.

## Company Profile

### Otsuka Pharmaceutical Factory, Inc.

Established	:	October 7, 1969 (founded September 1, 1921)
Capital	:	80 million yen
Representative	:	Shinichi Ogasawara, President and Representative Director
Head Office	:	115 Kuguhara, Tateiwa, Muya-cho, Naruto, Tokushima 772-8601, Japan
Employees	:	2,266 (as of December 31, 2018)
Business Description	:	Manufacture, sale, import and export of clinical nutrition products and other pharmaceutical products, medical devices, functional foods, etc.
URL	:	<a href="https://www.otsukakj.jp/en/">https://www.otsukakj.jp/en/</a>