**Chemical names of active ingredient**
Retinyl acetate, all-trans retinol acetic acid ester

**CAS-No.** 127-47-9
**EINECS-No.** 204-844-2

**PRD-No.** 30253192*

* The product is kosher. Sold in the US and the EU only.

**Article**
50491815 25 kg bag in box

**Country of origin**
Denmark

**Units**
1 International Unit (IU) = 0.344 µg vitamin A-acetate

**Description**
Free-flowing, light-yellow powder, consisting of spherical particles.

**Composition**

**Solubility**
The product can be dispersed in cold water with temperatures as low as 10 °C, to form a stable milky emulsion.

**Specification**
Assay min. 325,000 IU vitamin A (= 97,500 RE) per gram


**Monographs**
The product complies with the current “Vitamin A concentrate (powder form), synthetic” Ph. Eur. and “Vitamin A” USP monographs.

**Regulations**
The product meets the regulatory requirements for a vitamin A source in most countries. However, regulations on the ingredients used in the respective countries and for the intended use have to be observed.

**Bulk density**
Approx. 0.6 g/ml

**Stability**
The product is stabilized with DL-alpha-tocopherol (E307). It is sensitive to moisture, atmospheric oxygen, heat, and light. Stored in its original packaging in a cool (8 – 15 °C), dry place, the product is stable for at least 24 months.

**Storage/Handling**
As vitamin A is sensitive to atmospheric oxygen, light, moisture, and heat, the product should be stored in the original packaging in a cool (8 – 15 °C), dry, and dark place. It is recommended to use up the remaining contents quickly once the package has been opened.
Applications

Food products:
The product has been developed for the fortification of food products including dietetic products and dried milk, as well as vitamin mixtures for the food industry. In the EU, the application in infant foods is limited to fortification with vitamin A and calcium. Furthermore, the maximum level of acacia gum in the final infant nutrient preparation has to be considered. The product is gelatin-free and particularly suitable for vegetarian foods.

Dietary supplements:
For use in multivitamin preparations where cold-water dispersibility is required.

Note
Dry Vitamin A-Acetate 325 GFP/E must be handled in accordance with the Safety Data Sheet.

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