

# VITAMIN A PALMITATE POWDER 250CWS



## 1. GENERAL DESCRIPTION

WD's Vitamin A palmitate powder 250CWS is the compound nutritional enhancement powder which is mainly used in food industry. The product is produced under the advanced microencapsuled production technology. WD's Vitamin A palmitate powder 250CWS is the pale yellow free-flowing powder without any foreign matter or odor.

## 2. TYPICAL COMPONENT PROPERTIES

Product Name :	Vitamin A palmitate powder 250CWS
Identification:	The retention time of the principal peak conforms to which in the reference solution.
Assay:	250,000iu/g Min.
Loss on drying:	5.0% Max.
Sieve Analysis:	100% Through Sieve No.40 (US) ≥ 90% Through Sieve No.80 (US)
Heavy Metals(as Pb):	10ppm Max.
Arsenic :	2ppm Max.
Total aerobic microbial count:	1000cfu/g Max.
Yeast & Molds:	100cfu/g Max.
Enterobacterial:	10cfu/g Max.
*Salmonella:	Negative in 25g
*Escherichia coli:	Negative in 10g
*Staphylococcus aureus:	Negative in 10g



### 3. COMPOSITION SCALE

Ingredients	Percent
Retinyl palmitate(1,700,000iu/g)	15-16%
Starch Sodium Octenyl Succinate	15-30%
Vitamin E	1-2%
Ascorbate acid	1-2%
Maltodextrin	40-65%
Edible vegetable oil	15-20%

### 4. APPLICATIONS

WD's Vitamin A palmitate powder 250CWS is mainly used in solid beverage and modulated milk powder as nutritional enhancement. It is classified as food material worldwide including the European Union.

WD's Vitamin A palmitate powder 250CWS is mainly used in two ways. One is to directly mix the powder evenly in the mixer according to the formula. And the other is to dissolve it with a little water at first, then add it to products and stir well.

### 5. STORAGE AND HANDLING

WD's Vitamin A palmitate powder 250CWS is stable for at least two years when stored at ambient temperature in closed containers and away from sunlight and other sources of UV light. And being stored under 25°C is recommended.

For more details about product handling and safety information, please refer to the WD Material Safety Data Sheet (MSDS).

### 6. PRODUCT STEWARDSHIP

WD has a fundamental concern for all who make, distribute and use its products, and for the environment in which we live. This concern is the basis for our product stewardship philosophy by which we assess the safety, health, and environmental information on our products and then take appropriate steps to protect employee and public health and our environment. The success of our product stewardship program rests with each and every individual involved—from the initial concept and research, to manufacture, use, sale, disposal and recycle of each product.

### 7. SAFETY CONSIDERATIONS

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Material Safety Data Sheets(MSDS) are available to help customers satisfy their own handling, safety and disposal needs and those that may be required by locally applicable health and safety regulations. MSDS sheets are updated regularly, therefore, please request and review the most current MSDS sheet before handling or using any product. And contacting with WD freshly before handling is more recommended.

## 8. CUSTOMER NOTICE

WD encourages its customers to review their application of our products from the standpoint of human health and environmental quality. To help ensure that our products are not used in ways for which they were not intended or tested, pls contact with WD for the assistance for ecological and product safety.