

# OmniVin 20R

## >>> Grape Seed Extract OmniVin 20R Product data-sheet

OmniVin 20R is a unique grape seed extract (*Vitis vinifera*), rich in monomeric and dimeric proanthocyanidins. This grade was specially developed for applications in the food or nutraceuticals industry.

### >>> ORIGIN, PRODUCTION

For the production of its grape seed extracts, OmniChem uses a continuous solid/liquid extraction process. The crude extract is further purified using liquid/liquid extraction by appropriate selection of the extraction solvents. Further downstream purification steps remove a variety of impurities. The purified extract is spray-dried and a granular product is obtained using fluidized bed technology.

OmniVin 20R is a 100 % natural material extracted from carefully selected grape seeds (origin: France) using dedicated strictly controlled production facilities. No added preservatives or additives are used in the production of OmniVin 20R.

### >>> USAGE

OmniVin 20R is among the most powerful natural anti-oxidants currently on the market. As such it is a highly recommended product for applications in which the anti-oxidant potential of foods, beverages or supplements must be fortified.

Grape seed extract is widely used as ingredient for supplements supporting the cardiovascular system and the polyphenols contained in them are considered (partially) responsible for the so-called French Paradox. In food supplements grape seed extracts are typically applied in a dosage of 100 – 200 mg/day.

OmniVin 20R is used in cosmetic skin-care formulations to impart anti-oxidant and/or anti-ageing effects to lotions or creams. It is also useful as an adjuvant in sun-screen formulations where it can help reduce UV induced skin damage. Besides strong anti-oxidant and radical scavenging properties grape seed extracts have mild exfoliating and bacteriostatic properties that make these products suitable for anti-acne or other applications involving inflammatory skin.

### >>> STORAGE AND HANDLING

OmniVin 20R does not require special storage conditions and has a shelf life of min. 5 years if stored in a dry area in its original closed packaging. The product is not frost sensitive and normal ambient storage temperatures (i.e. 5 - 25°C) suffice.

Prolonged exposure of OmniVin 20R to light can cause a gradual colour shift. This does not influence technical performance of the product unless colour is a critical parameter in the application. Storage of OmniVin 20R open to the atmosphere can result in moisture uptake from the surroundings. Therefore reseal the inner plastic bag and keep the lid on the fibre drum if OmniVin 20R is not in use.

Due to its granular form OmniVin 20R produces little or no dust during handling.

**>>> PACKAGING**

OmniVin 20R is available as a spray-dried granular product in 25kg fibre drums lined with an inner Polyethylene bag.

**>>> REGULATORY & FURTHER INFORMATION**

Information on usage and applications can be found in our Application Fact Sheet. Our R&D department can provide you further detailed information on composition and regulatory status.

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The information provided in this technical data sheet is based on the present state of our knowledge. Some of the applications mentioned in this document are protected by patent law. Ajinomoto OmniChem nv/sa cannot be held responsible for patent law infringements and the customer should contact the patent holder if so required. Due to the many process parameters involved we are not able to submit a general recommendation. It only shows without liability on our part the uses to which our products can be put. However, Ajinomoto OmniChem nv/sa cannot be held responsible for the consequences of the application of the above described product.