

OmniVin WG

>>> Grape Seed Extract OmniVin WG Product data-sheet

OmniVin WG is a grape seed extract (*Vitis vinifera*), rich in oligomeric proanthocyanidins. This grade was specially developed for applications in the wine 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 WG 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 WG.

>>> USAGE

OmniVin WG has important anti-oxidant properties and is as such a powerful aid for colour stabilisation. Due to its natural affinity for the naturally occurring anthocyanidin colorants in wine, lasting colour stability is obtained.

OmniVin WG can also be used as taste modification aid in red or white wines lacking sufficient tannins. By adding OmniVin WG a more full-bodied taste is obtained, without increasing astringency, and a good organoleptic equilibrium will be obtained. Typical dosage levels are 5 – 20 g/hl.

OmniVin WG 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 WG 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 WG 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 WG 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 WG is not in use.

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

>>> PACKAGING

OmniVin WG 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.