Tanex 20

>>> Tannic Acid Tanex 20
Product data-sheet

Tanex 20 is a pure high molecular weight hydrolysable tannin multi-purpose grade especially developed for primarily technical applications. Tanex 20 is a 100 % natural material extracted from renewable plant materials using strictly controlled production facilities. No added preservatives or additives are used in the production of Tanex 20.

>>> PROPERTIES(*)

- Delivery form: light yellow granular powder, free of visible impurities
- Odour: slight in solution, typical tannic acid.

- Purity (on dry material): min. 96 %
- Moisture: max. 7 %
- Density: 0.35 – 0.45 g/cm^3
- pH (1 % in water): 3 – 4
- Solubility in H_2O: clear
- Colour Gardner (1:10; alcohol): max. 9

(*) Only selected data is represented here, for a full set of specifications we refer to our **Specifications** sheet.

>>> USAGE

Tanex 20 is used in a many application field, comprising applications in the technical area, as well as uses in food and feed.

Tanex 20 has a high affinity towards proteins and a number of other (bio)-polymers and can be used to eliminate such products.

Due to strong anti-oxidant and complexing properties (e.g.: $Fe^{2+/3+}$, Cu^{2+}) Tanex 20 can also be used as a stabilising aid or anti-oxidant.

Generally Tanex 20 is not used in the solid form and should first be dissolved in an appropriate solvent – in most cases water. Typically Tanex 20 is added as a 5 - 10 % solution. Due to its granular form Tanex 20 easily dissolves in cold water or even better in hot water (e.g. 35°C). Solutions up to 50 % weight/volume can be prepared. However such solutions are highly viscous and are difficult to mix with other ingredients.

Other suitable solvents include primary alcohols, esters and glycols.

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>>> STORAGE AND HANDLING

Tanex 20 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 temperatures (i.e. 5-25°C) suffice.

Prolonged exposure of Tanex 20 to light can cause a gradual yellowing of the product. Therefore keep the lid on the fibre drum if Tanex 20 is not in use.

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

>>> PACKAGING

Tanex 20 is available as a spray-dried granular product in 25 kg fibre drums lined with an inner Polyethylene bag or 10 kg cardboard boxes.

>>> FURTHER INFORMATION

Further safety information is provided in our **Material Safety Data Sheet**.

Upon simple request a controlled copy of our **Specifications** can be provided by our QC-department.

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

Deliveries are accompanied by a **Certificate of Analysis**.

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EINECS/ELINCS: 215-753-2

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