

## SPECIFICATION SHEET

**VERSION** 3,00      **VERSION DATE** 07/12/22      **PRINT DATE** 16/08/24

**PRODUCT** WHITE PEPPER OLEORESIN  
**APPLICATIONS** Industrial raw material not intended for direct use.  
**IUPAC NAME** WHITE PEPPER OLEORESIN  
**PLANT OF ORIGIN** Piper nigrum L. (Family: Piperaceae)  
**PART OF THE PLANT** BERRIES  
**SYNONYMS**

**CAS** 84929-41-9  
**CAS 2** -  
**EINECS** 284-524-7  
**EINECS 2** -  
**FEMA** 2852  
**TARIFF NUMBER** 3301903000

**FOOD GRADE CERTIFICATE** AVAILABLE ON REQUEST  
**REACH REGISTRATION NO.** Exempt from registration (according to article 2.5 of REACH)

### SPECIFICATIONS

**ASPECT AT 20°C** VISCOUS DISPERSION/SOLID  
**COLOUR** LIGHT YELLOW TO CREAM  
**ODOUR** WARM, SPICY, TERPINACEOUS  
**TASTE**  
**DENSITY AT 20°C (g / ml)** -  
**DENSITY 25/25** -  
**REFRACTIVE INDEX nD20** -  
**REFRACTIVE INDEX nD25** -  
**OPTICAL ROTATION (°)** /  
**BOILING POINT (°C)** -  
**MELTING POINT (°C)**  
**FLASH POINT (°C)** 77,00  
**ASSAY (% GC)** PIPERINE: 40% MIN.  
**ACID VALUE (mg KOH/g)**  
**SOLUBILITY** INSOLUBLE IN WATER  
**VAPOUR PRESSURE** NOT DETERMINED  
**OTHER SOLUBILITIES** SOLUBLE IN ETHANOL

**OTHER TECHNICAL DATA** RESIDUAL SOLVENT: 20ppm - VOLATILE OIL: 20-21mL PER 100g - ADDITIVES: 2-10% PROPYLENE GLYCOL (E1520)

### STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 24 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.

HEAT ABOUT 40-45°C AND STIRR TO HOMOGENIZE AND DISPERSE THE SOLID BEFORE USE.

WE BELIEVE THE ABOVE INFORMATION TO BE CORRECT BUT WE DO NOT PRESENT IT AS ALL INCLUSIVE AND AS SUCH SHOULD BE USED AS A GUIDE. IT IS THE SOLE RESPONSIBILITY OF THE RECEIVER OF OUR PRODUCT TO COMPLY WITH EXISTING REGULATIONS AND INSTRUCTIONS.

THIS PRODUCT HAS NOT BEEN FILTERED DUE TO TECHNICAL REASONS. WE RECOMMEND NOT TO USE IT UNLESS FILTERED WHEN USED AS A RAW MATERIAL IN FOOD INTENDED FOR FINAL CONSUMERS.