

## TECHNICAL DATA SHEET

### GUAIAIC WOOD OIL



#### PRODUCT IDENTIFICATION:

Supplier: Alpacasa  
 Botanical name: Bulnesia sarmientoi  
 Country of origin: Paraguay

#### IDENTITY

Cas: 8016-23-7  
 Cas-einecs: 89958-10-1  
 Einecs/elincs: 289-632-8  
 Fda nr: -172.51  
 Fema: 2534  
 Tariff n°: 3301.29.13

#### CORE TESTS

Gardner color scale 2000+: 4/30bs - 4/30as4  
 Odor: Warm woody aroma  
 Specific gravity D25/25: 0.959 to 0.974  
 Appearance: Viscous liquid to semi solid  
 Relative density d20/4: 0.960 to 0.975  
 Visual color: Dark yellow to grey-brown  
 Refractive index nD20: 1.490 to 1.508

#### GC ON APPROPRIATE COLUMN

Guaiol 25.0% to 35.0%  
 Bulnesol 35.0% to 45.5%  
 Sum alcohols 60.0% to 79.0%

#### ADDITIONAL DATA

Optical rotation: -12.0 to -2.0  
 Acid value: 3%  
 Flash point: 125 °C  
 Melting point: 40 to 50 °C  
 Solubility: Insoluble in water

#### STORAGE AND PACKING

Packing: Steel drums containers with internal epoxy paint coating  
 Stability: Not to be exposed to open flame  
 Storage conditions: Store in well ventilated dry area in sealed containers  
 Shelf life: 36 months