

## SPECIFICATION SHEET

**VERSION** 1,00      **VERSION DATE** 06/04/17      **PRINT DATE** 23/01/19

**PRODUCT** GURJUN BALSAM (GURJUNENE) RECTIFIED  
**APPLICATIONS** Raw material for industrial use intended for the manufacture of fragrances.  
**IUPAC NAME** GURJUN BALSAM  
**PLANT OF ORIGIN** Dipterocarpus spp.  
**PART OF THE PLANT** EXUDATION OF THE WOOD  
**SYNONYMS** GURJUN BALSAM (GURJUNENE)  
**CAS** 8030-55-5  
**EINECS** 232-444-8  
**TARIFF NUMBER** 1301900000

**REACH REGISTRATION NO.** Exempt from registration (imported/manufactured < 1 ton/year)

### SPECIFICATIONS

**ASPECT AT 20° C** CLEAR MOBILE LIQUID  
**COLOUR** YELLOW-ORANGE TO BROWN  
**ODOUR** WOODY, GREASY, PEPPER  
**TASTE**  
**DENSITY A 20° C (g / ml)** 0,910 - 0,955  
**DENSITY 25/25** -  
**REFRACTIVE INDEX nD20** 1,4950 - 1,5100  
**REFRACTIVE INDEX nD25** -  
**OPTICAL ROTATION (°)** -145,00 / -83,00  
**BOILING POINT (°C)**  
**MELTING POINT (°C)**  
**FLASH POINT (°C)** 101,00  
**ASSAY (% GC)** MAIN COMPONENT: GURJUNENE  
**ACID VALUE (mg KOH/g)**  
**SOLUBILITY** INSOLUBLE IN WATER  
**VAPOUR PRESSURE** NOT DETERMINED  
**OTHER SOLUBILITIES** SOLUBLE IN ETHANOL

### OTHER TECHNICAL DATA

### 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.

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.