

## **SPECIFICATION SHEET**

**VERSION** 11 **VERSION DATE** 01/03/24 **PRINT DATE** 02/12/25

**PRODUCT** BORNEOL 65%

APPLICATIONS Industrial raw material not intended for direct use.

IUPAC NAME 1,7,7-TRIMETHYLBICYCLO-1,2,2-HEPTANOL-2

SYNONYMS 1,7,7-TRIMETHYLBICYCLO-1,2,2-HEPTANOL-2

**FORMULA** C<sub>10</sub> H<sub>18</sub> O **MOLECULAR WEIGHT** 154 CAS 464-45-9 507-70-0 CAS 2 **EINECS** 207-353-1 **EINECS 2** 208-080-0 2157 **FEMA** CoE 64 **FDA** 172.515 TARIFF NUMBER 2906190090

FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST

## **SPECIFICATIONS**

VERSION 11 VERSION DATE 01/03/24

ASPECT AT 20°C CRYSTALLINE POWDER/SMALL CRYSTALS

**COLOUR** WHIT

ODOUR DRY, CAMPHORACEOUS

DENSITY AT 20°C (g / ml) DENSITY 25/25 REFRACTIVE INDEX nD20 REFRACTIVE INDEX nD25 OPTICAL ROTATION (°) -18/10
BOILING POINT (°C) MELTING POINT (°C) > 202
FLASH POINT (°C) 95

ASSAY (% GC) BORNEOL: 60-70%; ISOBORNEOL 30-40%

ACID VALUE (mg KOH/g)

SOLUBILITY INSOLUBLE IN WATER VAPOUR PRESSURE NOT DETERMINED OTHER SOLUBILITIES SOLUBLE IN ETHANOL

## **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. 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.