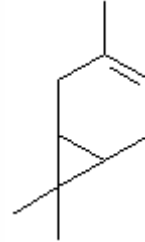


SPECIFICATION SHEET

VERSION 5,00 **VERSION DATE** 01/07/19 **PRINT DATE** 02/12/20

PRODUCT 3-CARENE DELTA NATURAL
APPLICATIONS Raw material for industrial use intended for the manufacture of flavours and/or fragrances.
IUPAC NAME DELTA-3-CARENE
SYNONYMS ISODIPRENE

PLANT OF ORIGIN
PART OF THE PLANT DISTILLED FROM TURPENTINE
FORMULA C10 H16
MOLECULAR WEIGHT 136,20
CAS 498-15-7
CAS 2 13466-78-9
EINECS 207-856-6
EINECS 2 236-719-3
FEMA 3821
TARIFF NUMBER 2902190000



REACH REGISTRATION NO. 01-2119520252-55

SPECIFICATIONS

ASPECT AT 20° C CLEAR LIQUID
CLOUR COLORLESS
ODOUR SWEET, DIFFUSIVE, TERPENIC
TASTE
DENSITY A 20° C (g / ml) 0,860 - 0,866
DENSITY 25/25 0,860 - 0,868
REFRACTIVE INDEX nD20 1,4700 - 1,4740
REFRACTIVE INDEX nD25 -
OPTICAL ROTATION (°) /
BOILING POINT (°C) 169 - 174
MELTING POINT (°C) -
FLASH POINT (°C) 45,00
ASSAY (% GC) > 85
ACID VALUE (mg KOH/g) < 1
SOLUBILITY INSOLUBLE IN WATER
VAPOUR PRESSURE NOT DETERMINED
OTHER SOLUBILITIES SOLUBLE IN ETHANOL

OTHER TECHNICAL DATA PEROXIDE INDEX < 10 mmol/L. SUM OF ALPHA-PINENE, BETA-PINENE, DELTA-3-CARENE, MYRCENE, 1,4-CINEOLE, ALPHA-TERPINENE, LIMONENE, PARA-CYMENE AND ALPHA-TERPINEOL > 95%.

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.
UNSTABLE WHEN EXPOSED TO AIR. PURGE HEADSPACE WITH NITROGEN.

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 TECHNOLOGICAL REASONS. WE RECOMMEND NOT TO USE IT UNLESS FILTERED WHEN USED AS A RAW MATERIAL IN FOOD INTENDED FOR FINAL CONSUMERS.