

SPECIFICATION SHEET

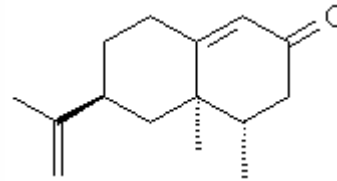
VERSION 1,00 **VERSION DATE** 19/09/22 **PRINT DATE** 16/08/24

PRODUCT NOOTKATONE NATURAL 80-85% IFF
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME 5,6-DIMETHYL-8-ISO-PROPENYLBICYCLO-[4.4.0]-1-DECEN-3-ONE
SYNONYMS

PLANT OF ORIGIN Citrus sinensis
PART OF THE PLANT FRUIT
FORMULA C15 H22 O
MOLECULAR WEIGHT 218,34
CAS 4674-50-4

EINECS 225-124-4

FEMA 3166
TARIFF NUMBER 2914290090



REACH REGISTRATION NO. Exempt from registration (according to article 2.5 of REACH)

SPECIFICATIONS

ASPECT AT 20°C CLEAR MOBILE LIQUID/SOLID
COLOUR YELLOW
ODOUR GRAPEFRUIT, CITRUS, WOODY
TASTE
DENSITY AT 20°C (g / ml) 0,980 - 1,010
DENSITY 25/25 -
REFRACTIVE INDEX nD20 1,5140 - 1,5300
REFRACTIVE INDEX nD25 -
OPTICAL ROTATION (°) 118,00 / 160,00
BOILING POINT (°C) 140°C (0,5-1,0 mm)
MELTING POINT (°C) -
FLASH POINT (°C) 110,00
ASSAY (% GC) 80 - 85
ACID VALUE (mg KOH/g) -
SOLUBILITY INSOLUBLE IN WATER
VAPOUR PRESSURE < 0,01 hPa
OTHER SOLUBILITIES SOLUBLE IN ETHANOL

OTHER TECHNICAL DATA OBTAINED FROM ORANGE OIL FROM SWEET ORANGE. DO NOT HEAT ABOVE 50°C.

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.
 MELT AND MIX BEFORE SAMPLING OR USE. KEEP REFRIGERATED. 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 TECHNICAL REASONS. WE RECOMMEND NOT TO USE IT UNLESS FILTERED WHEN USED AS A RAW MATERIAL IN FOOD INTENDED FOR FINAL CONSUMERS.