

## SPECIFICATION SHEET

**VERSION** 2,00      **VERSION DATE** 19/09/22      **PRINT DATE** 18/05/24

**PRODUCT** MANDARIN OIL, RED  
**APPLICATIONS** Industrial raw material not intended for direct use.  
**IUPAC NAME** MANDARIN RED OIL  
**PLANT OF ORIGIN** Citrus reticulata blanco  
**PART OF THE PLANT** FRUIT PEEL  
**SYNONYMS**

**CAS** 84929-38-4  
**CAS 2** 8008-31-9  
**EINECS** 284-521-0

**FEMA** 2657  
**TARIFF NUMBER** 3301192000

**REACH REGISTRATION NO.** On request. REACH and non-REACH material available for this product.

### SPECIFICATIONS

**ASPECT AT 20°C** CLEAR MOBILE LIQUID  
**COLOUR** ORANGE TO RED  
**ODOUR** FRUITY, CITRIC, SWEET  
**TASTE** CHARACTERISTIC  
**DENSITY AT 20°C (g / ml)** 0,840 - 0,860  
**DENSITY 25/25** -  
**REFRACTIVE INDEX n<sub>D</sub>20** 1,4650 - 1,4850  
**REFRACTIVE INDEX n<sub>D</sub>25** -  
**OPTICAL ROTATION (°)** 50,00 / 75,00  
**BOILING POINT (°C)** -  
**MELTING POINT (°C)** -  
**FLASH POINT (°C)** 46,00  
**ASSAY (% GC)**  
**ACID VALUE (mg KOH/g)** -  
**SOLUBILITY** INSOLUBLE IN WATER  
**VAPOUR PRESSURE** NOT DETERMINED  
**OTHER SOLUBILITIES** SOLUBLE IN ETHANOL

**OTHER TECHNICAL DATA** PEROXIDE INDEX < 20 mmol/L

### 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.

OPTIMAL STORAGE TEMPERATURE: 0/10°C. 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.