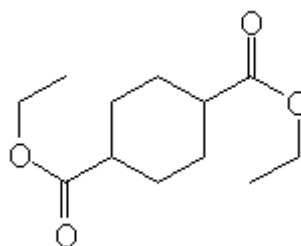


SPECIFICATION SHEET

VERSION 1,00 **VERSION DATE** 19/09/22 **PRINT DATE** 06/05/24

PRODUCT FRUCTALATE® FIRMENICH 943871
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME 1,4-CYCLOHEXANEDICARBOXYLIC ACID, DIETHYL ESTER
SYNONYMS
FORMULA C12 H20 O4
MOLECULAR WEIGHT 228,29
CAS 72903-27-6
EINECS 417-310-0
FEMA -
TARIFF NUMBER 2917200090
KOSHER CERTIFICATE AVAILABLE ON REQUEST
REACH REGISTRATION NO. 01-0000016412-79



SPECIFICATIONS

ASPECT AT 20°C LIQUID / SOLID
COLOUR COLORLESS
ODOUR FRUITY, RASPBERRY, APPLE, ETHEREAL
TASTE
DENSITY AT 20°C (g / ml) 1,047 - 1,052
DENSITY 25/25 -
REFRACTIVE INDEX nD20 1,4500 - 1,4540
REFRACTIVE INDEX nD25 -
OPTICAL ROTATION (°) /
BOILING POINT (°C) 289 (760 mm Hg)
MELTING POINT (°C) -
FLASH POINT (°C) 101,00
ASSAY (% GC) CIS ISOMER >65; TRANS ISOMER <35; SUM > 96
ACID VALUE (mg KOH/g) < 2
SOLUBILITY INSOLUBLE IN WATER
VAPOUR PRESSURE 0,87 Pa (20°C)
OTHER SOLUBILITIES SOLUBLE IN ETHANOL

OTHER TECHNICAL DATA

EXCELLENT IN A FRUITY OR CITRUS COMPOSITION WHERE IT CAN BE USED AT HIGH DOSAGE. AT LOWER LEVELS, IT CAN BE USED WITH THE SAME EFFECT AS FRAMBINONE. IT GIVES AN INCREDIBLE VOLUME TO THE COMPOSITION.

STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 18 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.
 ASSURE FULL MELTING BEFORE USE. IT DOES NOT CONTAIN NEITHER SOLVENT NOR STABILIZER.

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.