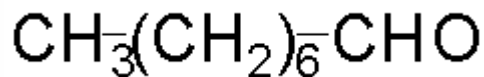


SPECIFICATION SHEET

VERSION 1,00 **VERSION DATE** 27/01/23 **PRINT DATE** 16/08/24

PRODUCT	ALDEHYDE C-8 50%, NATURAL EX-ORANGE
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	ORANGE OIL, DISTILLATION FRACTION
SYNONYMS	CAPRYLALDEHYDE, OCTANAL, 1-OCTANAL, N-OCTYL ALDEHYDE, ALDEHYDE C-8
PLANT OF ORIGIN	Citrus sinensis
PART OF THE PLANT	FRUIT
FORMULA	C ₈ H ₁₆ O
MOLECULAR WEIGHT	128,21
CAS	8028-48-6
CAS 2	68606-94-0
EINECS	232-433-8
FEMA	2826
TARIFF NUMBER	3302909000



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

SPECIFICATIONS

ASPECT AT 20°C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS TO PALE YELLOW
ODOUR	ORANGE, SWEET, FATTY, CITRUS
TASTE	
DENSITY AT 20°C (g / ml)	0,828 - 0,839
DENSITY 25/25	-
REFRACTIVE INDEX n_{D20}	1,4400 - 1,4550
REFRACTIVE INDEX n_{D25}	-
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	36 °C
MELTING POINT (°C)	-
FLASH POINT (°C)	51,00
ASSAY (% GC)	40 - 46
ACID VALUE (mg KOH/g)	-
SOLUBILITY	INSOLUBLE IN WATER
VAPOUR PRESSURE	2,3 hPa
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL

OTHER TECHNICAL DATA

STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 9 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.
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.