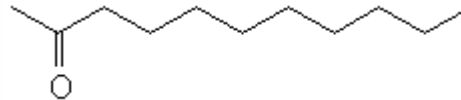


SPECIFICATION SHEET

VERSION 2,00 **VERSION DATE** 13/12/07 **PRINT DATE** 29/10/20

PRODUCT	2-UNDECANONE FIRMENICH 959461
APPLICATIONS	Raw material for industrial use intended for the manufacture of flavours and/or fragrances.
IUPAC NAME	2-UNDECANONE
SYNONYMS	METHYL NONIL KETONE, 2-OXO-UNDECANE, RUE KETONE
FORMULA	C11 H22 O
MOLECULAR WEIGHT	170,29
CAS	112-12-9
EINECS	203-937-5
FEMA	3093
TARIFF NUMBER	2914199090
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST
REACH REGISTRATION NO.	01-2120761250-65



SPECIFICATIONS

ASPECT AT 20° C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS TO PALE YELLOW
ODOUR	FRUITY, HERBACEOUS, RUE
TASTE	SWEET, REMINISCENT TO PEACH
DENSITY A 20° C (g / ml)	0,822 - 0,832
DENSITY 25/25	-
REFRACTIVE INDEX nD20	1,4260 - 1,4330
REFRACTIVE INDEX nD25	-
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	228
MELTING POINT (°C)	CA. 14
FLASH POINT (°C)	96,00
ASSAY (% GC)	> 98
ACID VALUE (mg KOH/g)	< 1
SOLUBILITY	INSOLUBLE IN WATER
VAPOUR PRESSURE	NOT DETERMINED
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 24 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.

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.