ventós
LEADERS IN ESSENCE

PRINT DATE 06/02/25

SPECIFICATION SHEET

PRODUCT	PENTANOIC ACID
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	PENTANOIC ACID
SYNONYMS	VALERIC ACID, PENTANOIC ACID
FORMULA	$C_5 H_{10} O_2$
MOLECULAR WEIGHT	102
CAS	109-52-4
EINECS	203-677-2
FEMA	3101
TARIFF NUMBER	2915609000

SPECIFICATIONS

VERSION 4 **VERSION DATE** 19/09/22

ASPECT AT 20°C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS
ODOUR	BUTIRIC
TASTE	UNPLEASANT
DENSITY AT 20°C (g / ml)	0,932–0,943
DENSITY 25/25	–
REFRACTIVE INDEX nD20	1,4050–1,4140
REFRACTIVE INDEX nD25	–
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	184 - 186
MELTING POINT (°C)	CA. -34°C
FLASH POINT (°C)	88
ASSAY (% GC)	> 99
ACID VALUE (mg KOH/g)	-
SOLUBILITY	SLIGHTLY SOLUBLE IN WATER
VAPOUR PRESSURE	NOT DETERMINED
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL

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 TECHNICAL REASONS. WE RECOMMEND NOT TO USE IT UNLESS FILTERED WHEN USED AS A RAW MATERIAL IN FOOD INTENDED FOR FINAL CONSUMERS.