

SPECIFICATION SHEET

VERSION 2 VERSION DATE 28/06/21 PRINT DATE 01/09/24

PRODUCT	BUTYRATE D'ISOAMYLE
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	ISOAMYL BUTYRATE
SYNONYMS	ISOPENTYL BUTYRATE, 3-METHYLBUTYL BUTANOATE
FORMULA	C ₉ H ₁₈ O ₂
MOLECULAR WEIGHT	158
CAS	106-27-4
EINECS	203-380-8
FEMA	2060
CoE	282
FDA	172.515
TARIFF NUMBER	2915601990
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST

SPECIFICATIONS

ASPECT AT 20°C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS
ODOUR	STRONG, FRUITY, BANANA, PEAR, PEACH
TASTE	SWEET
DENSITY AT 20°C (g / ml)	0,860-0,868
DENSITY 25/25	-
REFRACTIVE INDEX nD20	1,4090-1,4140
REFRACTIVE INDEX nD25	-
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	184-185°C
MELTING POINT (°C)	ca. -73
FLASH POINT (°C)	58
ASSAY (% GC)	>99%
ACID VALUE (mg KOH/g)	-
SOLUBILITY	NON MISCIBLE IN WATER - MISCIBLE IN ALCOHOL
VAPOUR PRESSURE	NOT DETERMINED
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL
OTHER TECHNICAL DATA	USUAL RATIOS OF ISOMERS: ISOAMYL BUTYRATE 75-95% APPROX./2-METHYLBUTYL BUTYRATE 5-25% APPROX.

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.

PRODASYNTH SAS

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