

SPECIFICATION SHEET

VERSION 2 **VERSION DATE** 28/06/21 **PRINT DATE** 20/10/25

PRODUCT BUTYRATE D'ISOAMYLE

APPLICATIONS Industrial raw material not intended for direct use.

IUPAC NAME ISOPENTYL BUTYRATE

SYNONYMS ISOPENTYL BUTYRATE, 3-METHYLBUTYL BUTANOATE

FORMULA C₉H₁₈O₂ **MOLECULAR WEIGHT** 158 **CAS** 106-27-4 203-380-8 **EINECS FEMA** 2060 282 CoF FDΔ 172.515 TARIFF NUMBER 2915601990

FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST

SPECIFICATIONS

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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 PRESSURENOT DETERMINEDOTHER SOLUBILITIESSOLUBLE 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