

SPECIFICATION SHEET

VERSION 6 VERSION DATE 29/04/22 PRINT DATE 22/12/24

PRODUCT	ISOVALERATE D'ISOAMYLE
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	ISOPENTYL ISOPENTANOATE
SYNONYMS	ISOPENTYL ISOVALERATE, 3-METHYLBUTYL 3-METHYLBUTYRATE
FORMULA	C ₁₀ H ₂₀ O ₂
MOLECULAR WEIGHT	172
CAS	659-70-1
CAS 2	2445-77-4
EINECS	211-536-1
EINECS 2	219-496-7
FEMA	2085, 3506
CoE	458, 10772
FDA	172.515
TARIFF NUMBER	2915609000
KOSHER CERTIFICATE	AVAILABLE ON REQUEST
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST

SPECIFICATIONS

ASPECT AT 20°C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS
ODOUR	FRUITY
TASTE	SWEET APPLE LIKE
DENSITY AT 20°C (g / ml)	0,853-0,858
DENSITY 25/25	-
REFRACTIVE INDEX nD20	1,4110-1,4140
REFRACTIVE INDEX nD25	-
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	195°C (1013 mbar)
MELTING POINT (°C)	-
FLASH POINT (°C)	80
ASSAY (% GC)	MIXED ISOMERS > 99
ACID VALUE (mg KOH/g)	< 1
SOLUBILITY	INSOLUBLE IN WATER
VAPOUR PRESSURE	0,8 mba to 20°C
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL
OTHER TECHNICAL DATA	ISOAMYL ISOVALERATE (3-METHYLBUTYL 3-METHYLBUTYRATE) CAS 659-70-1: >80%. 2-METHYLBUTYL ISOVALERATE (2-METHYLBUTYL 3-METHYLBUTYRATE) CAS 2445-77-4 <20%.

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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