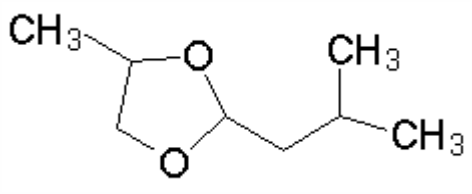
SPECIFICATION SHEET

VERSION 1,00 **VERSION DATE** 19/09/22 **PRINT DATE** 28/03/24

PRODUCT	ISOVALERALDEHYDE PG ACETAL
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	2-ISOBUTYL-4-METHYL-1,3-DIOXOLANE
SYNONYMS	4-METHYL-2-(2-METHYLPROPYL)-1,7-DIOXOLANE
FORMULA	C8 H16 O2
MOLECULAR WEIGHT	144,21
CAS	18433-93-7
EINECS	242-309-5
FEMA	4286
TARIFF NUMBER	2932990090



FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST
REACH REGISTRATION NO.	On request. REACH and non-REACH material available for this product.

SPECIFICATIONS

ASPECT AT 20ºC	CLEAR MOBILE LIQUID	
COLOUR	COLORLESS	
ODOUR	FRUITY,FATTY,TROPICAL,RUM,ETHEREAL	
TASTE		
DENSITY AT 20ºC (g / ml)	0,890	- 0,900
DENSITY 25/25		-
REFRACTIVE INDEX nD20	1,4120	- 1,4210
REFRACTIVE INDEX nD25		-
OPTICAL ROTATION (º)		/
BOILING POINT (ºC)	150-153ºC	
MELTING POINT (ºC)	-	
FLASH POINT (ºC)	40,00	
ASSAY (% GC)	SUM OF ISOMERS > 97	
ACID VALUE (mg KOH/g)	-	
SOLUBILITY	INSOLUBLE IN WATER	
VAPOUR PRESSURE	3,53 mmHg (25ºC)	
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 12 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.

PURGE HEADSPACE WITH NITROGEN.

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.