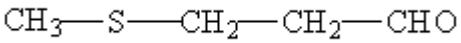
ventos
LEADERS IN ESSENCE

SPECIFICATION SHEET

VERSION	4,00	**VERSION DATE**	10/01/23	**PRINT DATE**	29/03/24

PRODUCT	METHIONAL NATURAL
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	NATURAL 3-METHYLTHIOPROPIONALDEHYDE
SYNONYMS	4-THIAPENTANAL, 3-(METHYLMERCAPTO)PROPIONALDEHYDE
PLANT OF ORIGIN	Sunflower/Broccoli
PART OF THE PLANT	
FORMULA	C4 H8 O S
MOLECULAR WEIGHT	104,17
CAS	3268-49-3
EINECS	221-882-5
FEMA	2747
TARIFF NUMBER	2930909899
KOSHER CERTIFICATE	AVAILABLE ON REQUEST
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST
REACH REGISTRATION NO.	Exempt from registration (according to article 2.5 of REACH)



SPECIFICATIONS

ASPECT AT 20ºC	CLEAR MOBILE LIQUID	
COLOUR	COLORLESS TO PALE YELLOW	
ODOUR	ONION, MEAT, CHEESE, POTATO	
TASTE		
DENSITY AT 20ºC (g / ml)	1,035	- 1,055
DENSITY 25/25		-
REFRACTIVE INDEX nD20	1,4790	- 1,4840
REFRACTIVE INDEX nD25		-
OPTICAL ROTATION (º)		/
BOILING POINT (ºC)	164 -166 (11 mm Hg)	
MELTING POINT (ºC)	-	
FLASH POINT (ºC)	69,00	
ASSAY (% GC)	> 98	
ACID VALUE (mg KOH/g)	-	
SOLUBILITY	INSOLUBLE IN WATER	
VAPOUR PRESSURE	NOT DETERMINED	
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 9 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.

KEEP REFRIGERATED AT 0-5ºC. 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.