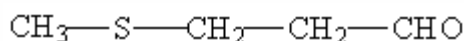


SPECIFICATION SHEET

VERSION 4,00 **VERSION DATE** 05/10/22 **PRINT DATE** 05/05/24

PRODUCT	METHIONAL
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	3-METHYLTHIOPROPANAL
SYNONYMS	4-THIAPENTANAL, 3-(METHYLMERCAPTO)PROPIONALDEHYDE
FORMULA	C ₄ H ₈ 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.	On request. REACH and non-REACH material available for this product.



SPECIFICATIONS

ASPECT AT 20°C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS
ODOUR	VEGETABLE, ONION, MEAT, CHEESE, POTATO
TASTE	
DENSITY AT 20°C (g / ml)	1,038 - 1,060
DENSITY 25/25	1,038 - 1,048
REFRACTIVE INDEX n_D20	1,4840 - 1,4930
REFRACTIVE INDEX n_D25	-
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	164 -166 (11 mm Hg)
MELTING POINT (°C)	-
FLASH POINT (°C)	74,00
ASSAY (% GC)	> 98
ACID VALUE (mg KOH/g)	< 10
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 0-5°C. 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.