

SPECIFICATION SHEET

VERSION 4,00 **VERSION DATE** 10/01/23 **PRINT DATE** 04/07/24

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

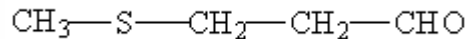
PART OF THE PLANT

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 20°C CLEAR MOBILE LIQUID
COLOUR COLORLESS TO PALE YELLOW
ODOUR ONION, MEAT, CHEESE, POTATO
TASTE
DENSITY AT 20°C (g / ml) 1,035 - 1,055
DENSITY 25/25 -
REFRACTIVE INDEX n_{D20} 1,4790 - 1,4840
REFRACTIVE INDEX n_{D25} -
OPTICAL ROTATION (°) /
BOILING POINT (°C) 164 -166 (11 mm Hg)
MELTING POINT (°C) -
FLASH POINT (°C) 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 0-5°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.