

SPECIFICATION SHEET

VERSION 3,00 **VERSION DATE** 10/12/13 **PRINT DATE** 05/12/20

PRODUCT METHIONAL NATURAL
APPLICATIONS Raw material for industrial use intended for the manufacture of flavours.
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 $\text{CH}_3\text{—S—CH}_2\text{—CH}_2\text{—CHO}$
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 LIQUID
COLOUR PALE YELLOW
ODOUR ONION, MEAT, CHEESE, POTATO
TASTE
DENSITY A 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 TECHNOLOGICAL REASONS. WE RECOMMEND NOT TO USE IT UNLESS FILTERED WHEN USED AS A RAW MATERIAL IN FOOD INTENDED FOR FINAL CONSUMERS.