

SPECIFICATION SHEET

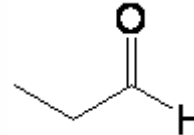
VERSION 1,00 **VERSION DATE** 03/03/22 **PRINT DATE** 03/07/24

PRODUCT PROPIONALDEHYDE
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME PROPANAL
SYNONYMS PROPIONALDEHYDE,PROPANAL,PROPIONIC ALDEHYDE,ALDEHYDE C-3

FORMULA C3 H6 O
MOLECULAR WEIGHT 58,08
CAS 123-38-6

EINECS 204-623-0

FEMA 2923
TARIFF NUMBER 2912190000



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 COLOURLESS
ODOUR ALCOHOLIC,WINE,COCOA,NUTTY,COGNAC
TASTE MUSTY,YEAST,NUT,VEGETABLE,POTATO
DENSITY AT 20°C (g / ml) 0,801 - 0,808
DENSITY 25/25 0,800 - 0,805
REFRACTIVE INDEX nD20 1,3600 - 1,3680
REFRACTIVE INDEX nD25 -
OPTICAL ROTATION (°) /
BOILING POINT (°C) 46-76°C(1 atm)
MELTING POINT (°C) CA. -97°C
FLASH POINT (°C) -30,00
ASSAY (% GC) > 97
ACID VALUE (mg KOH/g) < 5
SOLUBILITY SOLUBILITY IN WATER: 306 g/L (25°C)
VAPOUR PRESSURE 400,46 hPa (23,6°C)
OTHER SOLUBILITIES SOLUBLE IN ETHANOL

OTHER TECHNICAL DATA SENSITIVE TO AIR AND MOISTURE. IT POLYMERIZES EASILY. IT OXIDIZES EASILY WITH OXIGEN OF THE AIR. OPEN THE DRUM CAREFULLY AND SLOWLY.

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 2-8°C AND HEADSPACE PURGED 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.