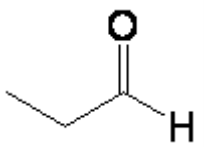
SPECIFICATION SHEET

VERSION	1,00	**VERSION DATE**	03/03/22	**PRINT DATE**	29/03/24

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 20ºC	CLEAR MOBILE LIQUID
COLOUR	COLOURLESS
ODOUR	ALCOHOLIC,WINE,COCOA,NUTTY,COGNAC
TASTE	MUSTY,YEAST,NUT,VEGETABLE,POTATO
DENSITY AT 20ºC (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 (º)	/
BOILING POINT (ºC)	46-76ºC(1 atm)
MELTING POINT (ºC)	CA. -97ºC
FLASH POINT (ºC)	-30,00
ASSAY (% GC)	> 97
ACID VALUE (mg KOH/g)	< 5
SOLUBILITY	SOLUBILITY IN WATER: 306 g/L (25ºC)
VAPOUR PRESSURE	400,46 hPa (23,6ºC)
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 2-8ºC 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.