

TECHNICAL DATA SHEET
TETRAHYDROFURANE

Product code: MS16685

Date of issue: 07/01/2019

Replaces: 21/07/2016

FORMULA : C₄H₈O

(CAS : 109-99-9 / EINECS : 203-726-8)

Butylene oxide, diethylene oxide; 1,4 – epoxy butane; THF
Tetramethylene oxide**APPEARANCE**

Colourless, clear liquid with strong, ether like odour.

COMPOSITION

Tetrahydrofurane (GC) : min. 99,8 %

PHYSICAL PROPERTIES

Density (20°C)	(ASTM D 4052)	: 0,885 – 0,890	kg/l
Refractive index (20°C)	(ASTM D 1218)	: 1,406 – 1,408	
Flashpoint (CC)	(ASTM D 56)	: -20	°C
Explosion limits		: 1,5 – 12,5	vol. %
Evaporation rate	(BUTAC = 100)	: 630	
	(ETHER = 1)	: 2,3	
Boiling point		: 66	°C
Solubility in water (20°C)		: complete	
Colour (APHA)	(ASTM D 1209)	: max. 10	
Melting point		: -108	°C

CHEMICAL ANALYSIS

Inhibitor (BHT)	(GC)	: 0,020 – 0,035	% wt.
Water	(ASTM E 1064)	: max. 0,02	% wt.
Peroxide (THF hydroperoxide)	(GC)	: max. 25	ppm

PACKING

Can be obtained in bulk, drums and cans. Other packing is available on request.

SAFETY REGULATION

The safety data sheet is available on request.

Information in this publication is believed to be accurate and is given in good faith, but it is for the customer to satisfy itself of the suitability for its own particular purpose.

No representation, warranty or guarantee is made as to its accuracy, reliability or completeness.

DISTRIBUTOR COMPANY INFORMATION			
name	BRENNTAG N.V.	BRENNTAG Nederland B.V.	BRENNTAG SOUTH AFRICA (PTY) LTD
address	Nijverheidslaan 38 8540 Deerlijk	Donker Duyvisweg 44 3316 BM Dordrecht	11 Mansell Road Killarney Gardens, 7441
country	Belgium	The Netherlands	South Africa
phone number	+32 (0)56 77 69 44	+31 (0)78 65 44 944	+27 (0)21 0201800
website	www.brenntag.be	www.brenntag.nl	www.brenntag.co.za
e-mail	info@brenntag.be	info@brenntag.nl	info@brenntag.co.za
activities	Distribution and export of chemicals and ingredients		
VAT number	BE0405317567	NL001375945B01	4740102209
emergency number(24/365)	+32 (0)56 77 69 44	+31 (0)78 6544 944	+27 (0)21 0201800
management systems: certifications	ISO 9001, ISO 14001, ISO 22000, FSSC 22000, GMP+ Feed, ESAD	ISO 9001, ISO 14001, ISO 22000, FSSC 22000, OHSAS 18001, GMP+ Feed, ESAD, AEO	ISO 9001, FSSC 22000