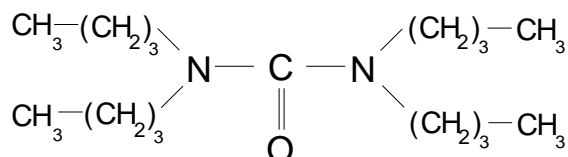


DATA SHEET Nr 7001 C

TETRABUTYL-UREA

TBU



Molecular formula:	C ₁₇ H ₃₆ N ₂ O
Molecular weight:	284
CAS number:	4559-86-8
EU number:	2249298

SYNONYM

-

ASPECT

Clear liquid

PHYSICAL PROPERTIES

Density: d₄20 0,876

Boiling point: 187°C/27 mbar

Solubility:

Soluble in common organic solvents (toluene, acetone, chloroform). Not soluble in water.

USES

- Solvent with high boiling point.
- Synthesis intermediate for fine chemicals.

TETRABUTYL-UREA (TBU) — Framochem

SPECIFICATIONS

Parameter	Guaranteed value	Method	Operating procedure
Appearance	liquid		
Colour	≤ 20 APHA	Colorimetry	C-210
Assay	$\geq 99,0$ %	Gas chromatography	GC-624
Chloride	≤ 10 ppm	Argentometry	AR-720
Dibutyl amine	$\leq 0,1$ %	Gas chromatography	GC-624
Water	$\leq 0,05$ %	Karl-Fischer	KF-111

PACKAGING

PE drums containing 180kg.

In bulk.

HANDLING PRECAUTIONS

See MSDS.

- Physico-chemical hazard: Flash point
(closed tag cup): 140°C
- Health hazard:
LD 50 (rat, oral): >7500 mg/kg.
Not dangerous.
- Destruction
Incineration.

STORAGE

Stored in its closed original drum in a covered dry, cool and well-ventilated warehouse, the product is stable.

However, in case of prolonged storage it is recommended to check again the product before use, by measuring typical parameters.

TRANSPORT

See MSDS.

Nr. 7001 C, November, 2014