

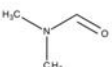
## Technical Data Sheet



BEX103034 N,N-Dimethylformamide extra pure

BEXsolve

### General product Information:

Synonyms	DMF, N,N-Dimethylmethanamide, Formic acid dimethylamide
Overview	Ameretat Shimi offers BEXsolve grade solvents for routine tasks in analytical laboratories. BEXsolve solvents meet ACS requirements, making them ideal for a wide range of analytical applications.
CAS number	68-12-2
EC index number	616-001-00-X
EC number	200-679-5
Hill Formula	C <sub>3</sub> H <sub>7</sub> NO
Chemical formula	HCON(CH <sub>3</sub> ) <sub>2</sub>
Molar Mass	73.09 g/mol
HS Code	2924 19 00
Structure formula	
Image	

### Chemical/Physical Data:

Boiling point	153 °C (1013 hPa)
Density	0.94 g/cm <sup>3</sup> (20 °C)
Explosion limit	2.2 - 16 %(V)
Flash point	58 °C
Ignition temperature	410 °C
Melting Point	-61 °C
pH value	7 (200 g/l, H <sub>2</sub> O, 20 °C)
Vapor pressure	3.77 hPa (20 °C)
Refractive Index	1.43
Solubility	(20 °C) soluble

### Toxicological Data:

LD 50 oral	LD50 Rat 3010 mg/kg
LD 50 dermal	LD50 Rabbit 1500 mg/kg

### Packaging Information:

Order Number	Package	Packaging
BEX103034.1000	1 L	Glass Bottle
BEX 103034.2500	2.5 L	Glass Bottle
BEX 103034.4000	4 L	Glass Bottle