



## 102931 Dimethyl sulfoxide

dried (max. 0.025% H<sub>2</sub>O) SeccoSolv®

For general questions please contact our  
Customer Service:

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04 March 2011

Product number	Packaging	Size	Price
1029310161	Septum bottle	150 ml	price on request
1029310500	Glass bottle	500 ml	price on request
1029311000	Glass bottle	1 l	price on request
1029311001	Septum bottle	1 l	price on request
1029312500	Glass bottle	2.5 l	price on request
1029319033	Barrel stainl. st.	30 l	price on request

Prices are subject to change without notice.

### Accessories

963533	<a href="#">Safety carrier for Merck 2.5 L glass bottles</a>
963389	<a href="#">Adapter with S40 thread, with level sensor for emptying Merck solvents in bottles</a>
964204	<a href="#">Display and alarm device for bottle level sensor</a>

### Product information

Synonyms	DMSO
Hill Formula	C <sub>2</sub> H <sub>6</sub> OS
Chemical formula	(CH <sub>3</sub> ) <sub>2</sub> SO
HS Code	2930 90 99
EC number	200-664-3
Molar mass	78.13 g/mol
CAS number	67-68-5

### Chemical and physical data

Ignition temperature	300 - 302 °C
Solubility	1000 g/l (20 °C)
Saturation concentration (air)	8.0 g/m <sup>3</sup> (20 °C)
Melting point	18.5 °C

Molar mass	78.13 g/mol
Density	1.10 g/cm <sup>3</sup> (20 °C)
Boiling point	189 °C (1013 hPa)
Vapor pressure	0.6 hPa (20 °C)
Explosion limit	1.8 - 63.0 %(V)
Flash point	95 °C
Refractive index	1.48 (20 °C)

### Safety information

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RTECS	PV6210000
Storage class	10 Combustible liquids not in Storage Class 3
WGK	WGK 1 slightly water endangering
Disposal	1 Strongly contaminated halogen-free organic solvents: container A.

### Toxicological data

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LD 50 oral	LD50 rat 14500 mg/kg
LD 50 dermal	LD50 rat 40000 mg/kg

### Specifications

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Purity (GC)	≥ 99.9 %
Identity (IR)	conforms
Colour	≤ 10 Hazen
Acidity	≤ 0.0005 meq/g
Alkalinity	≤ 0.0002 meq/g
residue on evaporation	≤ 10 mg/l
Water	≤ 0.025 %

