

Solvalid® DMM

PRODUCT INFORMATION

Dimethoxymethane, Methylal, Methylene dimethylether

Appearance:	Clear, colorless liquid
Molecular formula:	C ₃ H ₈ O ₂
CAS-No.:	109-87-5
REACH-No.:	01-2119664781-91-0001
EC-No.:	203-714-2
INCI-Name:	Methylal

Commercial form:

	Pure grade DMM 100	Technical grade DMM 93
Assay	> 99.7 %	> 93.0 %
Methanol	< 0.05 %	< 6.5 %
Water	< 0.03 %	< 0.3 %

Chemical and physical properties:	Molecular weight:	76.09 g / mol
	Density (20 °C):	0.86 g / cm ³
	Viscosity (30 °C):	0.325 mPa (20 °C)
	Boiling point:	42.3 °C
	Flash point:	-19.5 °C (own Research)
	Melting point:	-104.8 °C
	Vapor pressure (20 °C):	400 hPa (20 °C)

Packaging and transport:	Bulk, 10-25 mt
	Drum, 165 kg (only Solvalid® DMM 100)

Storage:	In a cool, well ventilated area and protected from sun. Blanketing by dry nitrogen is recommended for storage in a tank.
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Applications:

- Production of ion exchange resins and polyacetal resins
- Solvent for environmentally friendly paint strippers
- Aerosols for sprays (cosmetic, paints, colours)
- Solvent for cleaning and polishing chemicals
- Blowing agent for PU foams
- Reagent in pharmaceutical synthesis
- Extraction processes for fragrances or aromas
- Production of adhesives
- Production of fuel additives

Advantages:

- excellent solvent power
- very low viscosity
- low surface tension
- fully miscible in organic solvents

Classification:

UN: 1234
Class: 3
PG: II
Hazard label: 3

Prefere Paraform GmbH & Co. KG

Marketing & Sales
Hauptstraße 30 · 55120 Mainz · Germany
T: +49 6131 621-113

marketing-paraform@prefere.com
www.prefere.com

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