



Dowanol DM
di(ethyleneglycol) methyl ether

Catalog Nr. Q150

Definition DERIVATION ethylene oxide with methanol

SYNONYMS: Diethylene Glycol Monomethyl Ether; Methyl Digol; Diglycol Monomethyl Ether; Ethylene Diglycol Monomethyl Ether; Glycol Ether DM; 2-(2-methoxyethoxy)ethanol; Beta-methoxy-beta'-hydroxydiethyl Ether; 2,2'-oxybisethanol Monomethyl Ether; Methoxydiglycol; Dowanol DM; Methyl Dioxitol; 3,6-dioxa-1-heptanol; Methoxyethoxyethanol; 2-beta-methyl Carbitol; 3,6-dioxaheptan-1-ol;

CAS Number 111-77-3

Application Glycol family products are versatile compounds used in the fields include;
Anti-freezing and anti-icing additive
Intermediate in polymer production and chemical reaction
Solvent or plasticizer for plastic, lacquer, paint and varnish
Hydraulic, brake, thermal exchange fluids and fuel additive
Humidifying and plasticizing
Dehydrating
Coupling printing inks
Textile conditioning
Solvent for dyes in textile and leather finishing
Agricultural formulation
General purpose cleaners
Explosives manufacture
Electrolytic component
Humectant
Water-based coating
Preservative, rust remover, and disinfectant

Technical Data

PHYSICAL STATE	Clear liquid
MELTING POINT	-70 C
BOILING POINT	193 C
SPECIFIC GRAVITY	1.025
SOLUBILITY IN WATER	miscible
VAPOR DENSITY	4.1
AUTOIGNITION	215 C
NFPA RATINGS	Health: 1 Flammability: 1 Reactivity: 0
REFRACTIVE INDEX	1.4260
FLASH POINT	83 C
STABILITY	Stable under ordinary conditions

Packaging & Handling 470 lbs drums

UN Number	Class	Packaging Group
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