



Dimethyl ether (99.99 %)

CHEMICAL NAME	Dimethyl ether
INCI NAME	Dimethyl ether
CAS NUMBER	115-10-6
FUNCTION	Coolant, solvent, extraction medium, spray carrier, chemicals (reaction medium), a catalyst and stabilizer for the polymerization.
TECHNICAL REQUIREMENTS	The mass fraction of dimethyl ether..... $\geq 99.99\%$ The mass fraction of non-volatile substances, ppm..... ≤ 10 The mass fraction of water, ppm..... ≤ 50 The mass fraction of methanol, ppm..... ≤ 1 The mass fraction of sulphur compounds (as sulfur), ppm..... ≤ 1 The mass fraction of benzene, ppm..... ≤ 1 Total sum of hydrocarbons C ₁ -C ₄ , methanol, water and CO ₂ , ppm ≤ 100 Odourno other odor than pure DME
GENERAL DATA	Chemical formula.....C ₂ H ₆ O Solubility in water at room temperature, g/l..... 45.6 Other solvents..... n-octanol
APPLICATION	Household chemicals and aerosol cosmetic products, lacquer paints and spray paints, fitting foams, foamed polystyrene foam. Other prospective uses: degreasing and/or dehumidifying the skin of animals (leather tanning), refrigerant for cooling / refrigeration equipment.