

## TECHNICAL DATA SHEET

<b>Product Name:</b>	DIMETHYLCYCLOSILOXANE (DMC)	
<b>CAS Number:</b>	69430-24-6	
<b>Molecular formula:</b>	[(CH <sub>3</sub> ) <sub>2</sub> SiO] <sub>n</sub> , n=3,4,5,6,7	
<b>Application Areas:</b>	Dimethylcyclsiloxane (DMC) is the main raw material of producing silicone rubber and silicone oil. It is also wildy used in handling silicone rubber packing and cosmetics. The silicone rubber, silicone oil and other polysiloxane products which are made from DMC can be further processed into various modified silicone rubber and silicone oil with very good high and low temperature resistance, aging resistance and insulating property.	
<b>Typical Datas:</b>	Appearance:	Colorless transparent liquid without vesible impurity Flammable
	Dimethylcyclsiloxane cyclics mixture(%):	≥99.5
	Content of Hexamethyldisiloxane(%):	≤0.01
	Acidity:(According to HCl)/%:	≤0.001
	Desity(ρ <sub>20</sub> , g/cm <sup>3</sup> ):	0.950~0.970
	Relative Density (water=1):	0.956
	Chroma/Platinum-cobalt scale/Hazenunit:	≤10
<b>Storage &amp; Conditions:</b>	Stored in a shady, cool and ventilated storehouse. It should be kept away from kindling and heat sources. Avoid direct sunlight.	
<b>Packaging:</b>	Packed in 200L iron drum or plastic drum (N.W.190kg) or packed in International Bulk Container, net weight 950kg/IBC or ISO TANK.	
<b>Health &amp; Safety:</b>	It is colorless, inflammable, and can not dissolve in water, but dissolve in organic solvents such as benzene, etc	
<b>Shelf Life:</b>	12 months	