

MATERIAL SAFETY DATA SHEET (MSDS)

Product Information

Product Name: Medical Grade Silicone Oil

Chemical Name: Polydimethylsiloxane (PDMS)

CAS No.: 63148-62-9

Intended Use: Lubricant/Coating for sutures (medical applications)

Section 2: Hazards Identification

Classification: Not hazardous under normal conditions.

Signal Word: None

Hazard Statements: No significant hazard under recommended use.

Section 3: Composition

Substance: Polydimethylsiloxane

Purity: ≥99%

Section 4: First Aid Measures

Eye Contact: Rinse with water.

Skin Contact: Wash with soap and water.

Inhalation: Move to fresh air.

Ingestion: Seek medical advice if large amount swallowed.

Section 5: Fire Fighting Measures

Flash Point: >300°C

Extinguishing Media: Foam, CO₂, dry chemical.

Special Hazards: May release formaldehyde on decomposition.

Section 7: Handling & Storage

Store in cool, dry place (15–30°C).

Keep container closed.

Avoid contact with strong oxidizers.

Section 9: Physical & Chemical Properties

Appearance: Clear viscous liquid.

Viscosity: 100–1000 cSt

Boiling Point: >200°C

Odor: Odorless

Section 15: Regulatory Information

USP Class VI Certified

ISO 10993 Biocompatibility Approved