

# Safety Data Sheet

## ImplaSeal Silicone Oil\* Concentrated Gel (#1083M)

### Section I - IDENTIFICATION

**Manufacturer's Name:**

Dentity Global, LLC.

**Address:**

2295 NW Corporate Blvd., Ste 230, Boca Raton, FL 33431

**Emergency Telephone:**

(954) 425-2700

**Product Trade Name and Synonyms:**

ImplaSeal Silicone Oil – Medical Grade

**Product Code No:**

#1083

**Chemical Name and Synonyms:**

Silicone Oil (dimethyl siloxane)  
C.A.S. Registry Nos. 63148-62-9

**Ingredients:**

Clindamycin  
Nystatin  
Arnica Montana  
Atropa Belladonna  
Euphasia Stricta  
Wyethia Helenioides

### Section II - HAZARDOUS INGREDIENTS

**Hazardous Ingredients:**

None present

**D.O.T. Hazard Name & Class:**

None

**E.P.A. Priority Pollutants:**

None present

### Section III - PHYSICAL DATA

**Boiling Point (oF):**

More than 200 oF

**Vapor Pressure (mm Hg)**

Less than 10 mm

**Solubility in Water:**

Very slightly soluble

**Specific Gravity (H<sub>2</sub>O=1)**

approximately 1

**Density:**

1gm/cc

**Percent Volatile by Volume (%):**

Less than 1%

**Evaporation Rate (water = 1):**

Less than water

**Viscosity:**

Thixotropic Gel

**Color:**

Translucent

**Vapor Permeability:**

100% to gas vapors

**Product Description:**

A pure self-bonding silicone polymer containing no volatilizing agents or other hazardous materials that would require special handling during shipment or storage. This material is a highly concentrated elastomer which exhibits excellent chemical and thermal stability and acts as a self-adhesive, fouling-release, drag-reducing coating when applied in thin films.

## Section IV - FIRE AND EXPLOSION HAZARD DATA

**Flash Point:**

More than 200oF (ASTM D-56 Tag Closed)

**Extinguishing Media:**

Non-flammable

**Special Fire Fighting Procedures:**

When exposed to high temperatures in an open flame, fire product will expel silicon dioxide and Carbon, - Face Mask Should Be Used.

**Unusual Fire And Explosion Hazards:** None

## Section V - HEALTH HAZARD DATA

**Threshold Limit Value:**

Nil

**Effects of Overexposure:**

Slight irritation to eyes.

No detrimental effect on nose or throat, skin or digestive tract.

As with all chemical agents, some individuals may have a hypersensitivity to certain ingredients.

**Emergency and First Aid Procedures:**

Remove from area, flush eyes with water.

If skin irritation occurs, wipe off and wash with soap and water.

## Section VI - REACTIVITY DATA

**Stability:**

Stable

**Incompatibility:**

Avoid strong oxidizing agents.

**Hazardous Decomposition Products:**

When exposed to high temperatures in an open flame, will expel silicone dioxide and carbon, face mask should be used.

**Hazardous Polymerization:**

Will not occur.

## **Section VII - SPILL OR LEAK PROCEDURES**

### **Steps to be taken in case material is released or spilled:**

Clean up, move to used drums for disposal.

CAUTION! Makes surfaces slippery.

### **Waste Disposal Method:**

Incinerate or standard wash down and clean till no longer slippery. (May require removal of surface layer of substrate on which spill occurred).

## **Section VIII - SPECIAL PROTECTION INFORMATION:**

### **Respiratory Protection:**

None required.

### **Ventilation:**

No special requirements.

### **Protective Gloves:**

Not required, except to prevent cross-contamination of materials, and unless a known skin sensitivity occurs.

### **Eye Protection:**

Safety Glasses should be worn when working with any chemical.

## **Section IX - SPECIAL PRECAUTIONS**

### **Precautions To Be Taken In Handling And Storage:**

Avoid direct contact with eye tissues.

Shelf-life can be prolonged with refrigeration, although refrigeration is not required.

Coated surfaces become slippery. Do not spill on walkways.

Coated surfaces are non-stick; polymer should not be applied to a surface which requires subsequent labelling or painting.

These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable; however, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate. Dentity Global, LLC will not be responsible for damages resulting from use of, or reliance upon this information.

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