

<b>Material Safety Data Sheet</b>		(MSDS)		Reviewed: 07/18/2014	
Date of Issue: 4/02/2003					
SECTION 1 - MANUFACTURER INFORMATION					
<b>Manufacturer Name:</b>		Foxwest Sales			
<b>Trade Name:</b>		Fisherbrand® Heat Transfer Fluid 710		<b>Emergency Telephone</b> U.S.: (800) 424-9300 Canada: (703) 527-3887	
<b>Chemical Name or Synonym:</b> Dimethyl-Diphenylsiloxane			<b>Info Telephone:</b> 610-755-0800		
<b>Mfg. Address:</b>		460 Glennie Circle			
<b>City:</b>		King of Prussia		<b>State, Zip:</b> PA 19406	
SECTION II – HAZARDOUS INGREDIENTS					
CAS #	Chemical Name	Percent	OSHA PEL	ACGIH-TLV	Other Units
68083-14-17	Diphenyl-dimethylsiloxane	100	N/A	N/A	N/A
<b>Additional Information:</b>	<u>Unidentified ingredients are not considered hazardous under the Federal Hazard Communication Standard (29 CFR 1910.1200)</u>				
SECTION III – PHYSICAL DATA					
<b>Appearance:</b>		Colorless transparent liquid		<b>Odor:</b> Odorless.	
<b>Viscosity (at 25<sup>o</sup> C.)</b>		400cSt		<b>Solubility in water:</b> Not Soluble	
<b>Appearance:</b>		Colorless transparent liquid		<b>Specific Gravity@ 25°C:</b> 1.07	
<b>Refractive Index:</b>		1.505		<b>Boiling Point:</b> N/A	
SECTION IV - FIRE AND EXPLOSION DATA					
<b>Flash Point:</b> 315°C (open cup), >94°C (closed cup)			<b>LEL:</b> N/A		<b>UEL:</b> N/A
<b>Extinguishing Media:</b> Foam, dry chemical or carbon dioxide			<b>Health = 1</b>		
<b>Special Fire Fighting Procedures:</b> Not required.			<b>Flammability = 1</b>		
<b>Unusual Fire and Explosion Hazards:</b> None			<b>Reactivity= 0</b>		
SECTION V – HEALTH HAZARD DATA					
<b>Skin:</b> May cause slight skin irritation, but no significant effect.					
<b>Eyes:</b> May cause slight eye irritation.					
<b>Indigestion:</b> low harmful		LD50 (oral rat) >5g/kg			
<b>Carcinogenicity Data:</b>		NTP: N/A		IARC: N/A	
				OSHA: N/A	

## FisherBrand® Heat Transfer Fluid 710

### FIRST AID

**Eyes:** In case of contact, immediately flush eyes with flowing water for at least 15 minutes.

**Inhalation:** No information available.

**Skin:** Remove product from skin with dry cloth or towel, and wash exposed area with detergent,

**Ingestion:** Wash out mouth with water provided person is conscious; Never give anything by mouth to an unconscious person. Call a physician immediately.

### SECTION VI - REACTIVITY DATA

**Stability:** Stable under normal conditions of handling and use.

**Conditions to avoid:** None.

**Hazardous Decomposition or By-Products:** None

**Hazardous Polymerization:** Will not occur.

### SECTION VII - SPILL OR LEAK PROCEDURES

#### USE PROPER PROTECTIVE EQUIPMENT

**Cleanup:** Soak up with sand oil dry or other absorbant materials.

**Waste Disposal:** Consult with state and local authorities regarding disposal of chemical waste.

### SECTION VIII – SPECIAL PROTECTION INFORMATION

#### FOR RESEARCH AND INDUSTRIAL USE ONLY

**Ventilation:** Local exhaust is recommended. If operating at temperatures above 175°C ventilation is required. Mechanical is recommended.

**Eye and face protection:** Chemical goggles. Do not wear contact lenses.

**Other equipment:** Rubber, neoprene, or nitrile gloves. Launder clothing before reuse.

Other information: This product can generate formaldehyde at approximately 150°C (300°F) and above in the presence of air. Use adequate ventilation and wear protective equipment when this product is heated at approximately 150°C or above in the presence of air.

### SECTION IX - ADDITIONAL INFORMATION

#### Additional Information:

##### Hazard Ratings

HMIS: Health = 1 Flammability = 1 Reactivity = 0 Personal Protection: A

NFPA: Health = 0 Flammability = 1 Reactivity = 0

**DOT Class:** Not Regulated.

**STORAGE:** Store in a sealed container at temperatures between 5 °C. and 30 °C.  
Keep container tightly closed.  
Keep from freezing

**USE:** This product is designed for use between 25 °C and 250 °C (open system) and 25°C and 300°C (closed system).

The information contained herein has been developed based upon current available scientific data. New information may be developed from time to time which may render the conclusions of this report obsolete. Therefore, no warranty is extended as to the applicability of this information to the user's intended purpose or for the consequences of its use or misuse.