

Date of Issue: 3/31/2003	<b>Material Safety Data Sheet</b> (MSDS)	Reviewed: 08/01/2011
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**SECTION 1 - MANUFACTURER INFORMATION**

<b>Manufacturer Name:</b>	Foxwest Sales	
<b>Trade Name:</b>	<b>Fisherbrand®</b> <b>Heat Transfer Fluid 550</b>	<b>Emergency Telephone</b> U.S.: (800) 424-9300 Canada: (703) 527-3887
<b>Chemical Name or Synonym:</b>	Polydimethyl Siloxane (Methylphenyl Modified Silicone Solution)	<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
68083-14-7	Phenyl-modified polydimethyl siloxane (non-hazardous)	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 ° C.)</b>	350 to 450 cps	<b>Solubility in water:</b>	Not Soluble
<b>Odor</b>	Odorless	<b>Specific Gravity:</b>	1.07
<b>Refractive Index:</b>	1.505	<b>Volatile Content:</b>	<0.5

**SECTION IV - FIRE AND EXPLOSION DATA**

<b>Flash Point:</b>	200° C. minimum (closed cup)	<b>LEL:</b>	N/A	<b>UEL:</b>	N/A
<b>Special Fire Hazards:</b>	NONE				
<b>Fire Fighting Methods:</b>	Combustion may produce CO2,CO and nitrous oxides				

**SECTION V – HEALTH HAZARD DATA**

**Effects of Overexposure:**

**Skin:** Prolonged and repeated contact with skin can cause defatting and drying of the skin resulting in skin irritation and dermatitis.

**Eyes:** Preexisting eye disorders may be aggravated by exposure to product.

**Accidental Indigestion:** Although ingestion is unlikely, liquid may irritate upper digestive tract if swallowed.  
LD<sub>50</sub> (oral in rats) > 33 ml/Kg

<b>Carcinogenicity Data:</b>	NTP: N/A	IARC: N/A	OSHA: N/A
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## FisherBrand® Heat Transfer Fluid 550

### FIRST AID

**Eyes:** Immediately flush with running water. Contact a physician.

**Skin:** Immediately wash skin with soap and water.

**Ingestion:** Do not induce vomiting. Call Poison Control and physician immediately.

### SECTION VI - REACTIVITY DATA

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

Store in a well ventilated place at temperatures below 120°F.

**Conditions to avoid:** Avoid contact with strong oxidizing agents and acids. Avoid aluminum at high temperatures.

### 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

KEEP OUT OF REACH OF CHILDREN  
AVOID SKIN AND EYE CONTACT  
SAFETY GLASSES SHOULD BE WORN  
PROTECTIVE RUBBER OR PLASTIC GLOVES SHOULD BE WORN  
RUBBER APRON IS RECOMMENDED  
WASH HANDS AFTER USE

### SECTION IX - ADDITIONAL INFORMATION

#### Additional Information:

##### Hazard Ratings

HMIS: Health = 0 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<sup>0</sup> C. and 30<sup>0</sup> C.  
Keep container tightly closed.  
Keep from freezing

**USE:** This product is designed for use between -30<sup>0</sup> C. and 250<sup>0</sup> C.

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