

**Thermal C10**

Version: 1.2

Reviewed on 03.08.2011

T-Nr.: 1.990.0060

Printind date: 03.08.11

**1. Identification of the substance/preparation and of the company**

**Product details**

Name Used on Label : **Thermal C10**  
 Order-No. ( 5 Liter) : 8891405  
 Order-No. ( 10 Liter) : 8891404  
 Company : JULABO U.S.A., INC  
 Manufactured for: 884 Marcon Blvd  
 ALLENTOWN,PA 18109 / U.S.A.  
 Phone : [+1] 610-231-0250  
 Fax : [+1] 610-231-0260  
 E-mail : [info@julabo.com](mailto:info@julabo.com)  
 Internet : [www.julabo.com](http://www.julabo.com)  
 Emergency Information :CHEMTREC 1-800-424-9300  
 Trade name :Polydimethylsiloxane  
 Application : Bath fluid, Component in personal care products

**2. Composition/information on ingredients**

Identity	CAS #	%	TLV OSHA PEL
Polydimethylsiloxane	63148-62-9	100	Not established

Chemical Name: **Polydimethylsiloxane**

Synonyms: Polydimethylsiloxane, PDMS

Chemical Family: Silicone

**HMIS Codes: Health: 0 Flammability: 1 Reactivity: 0**

**3. Physical and chemical properties**

Boiling Point >205°C  
 Specific Gravity (H2O=1) 0.934  
 Vapor Pressure (25°C) Negligible.  
 Vapor Density (Air = 1): Negligible.  
 Evaporation Rate (EE=1) <1  
 Melting Point N/A  
 Solubility In Water (20°C) Insoluble  
 Solubility in Organic Solvent Soluble in Toluene  
 Appearance & Odor: Clear, Colorless liquid - Odorless  
 Viscosity @ 25°C 10cSt

Temp (°C)	-20	0	50	75	100	150	180
Viscosity (cSt)	33	18	6.5	4.5	3.1	1.7	1.3

**4. Fire and Explosion Hazard Data**

Flash Point: (Method Used) >163°C/325°F (COC)  
 Flammable Limits: LEL: No Data UEL: No Data

Extinguishing Media: All standard firefighting media

Special Fire Fighting Procedures: None Known

**5. Stability and reactivity**

Stability: Stable  
 Conditions to Avoid: None  
 Hazard Polymerization: Will Not Occur  
 Incompatibilities: None Known  
 Hazardous Decomposition/Combustion: Carbon Monoxide, Carbon Dioxide, Silicone Dioxide & Formaldehyde

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**6. Health Hazard Data**

Acute Signs/Effects of Overexposure:

Eye Contact:	May cause Mild Eye Irritation.
Skin Contact:	None Known.
Inhalation:	None Known.
Ingestion:	None Known.
Medical Conditions Aggravated:	None Known
Other:	None Known
Chronic Effects of Overexposure:	None Known

Emergency and First Aid Procedures:

Ingestion	None Known
Skin	Wash with soap and water
Inhalation	None Known
Eyes	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

This product or one of its ingredients present 0.1% or more is not listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA.

**7. Precautions for Safe Handling and Use**

Spill Response: Wipe, scrape or soak up in an inert material and put in a container for disposal. Wash walking surfaces with detergent and water to reduce slipping hazard.

Disposal Method: Disposal should be made in accordance with Federal, State and Local regulations. Incineration recommended in approved incinerator according to Federal, State, and Local regulations.

**8. Protection and Precautions**

Ventilation:	None Known
Respiratory Protection:	None Known
Eye and Face Protection:	Safety Glasses
Protective Gloves:	None Known
Other Protective Equipment:	None Known

Precautions to be taken in Handling and Storage: None Known  
 Engineering Controls: None Known

**9. Department of Transportation Data**

DOT Proper Shipping Name:	None
DOT Hazard Class:	None
DOT Labels:	None
UN/NA Number:	None
Placards:	None
Export:	None

EPA Hazard Waste:	None
Sara Hazard Class:	
WHMIS Hazard Class:	No Known WHMIS Class
CPSC Classification	None
Transportation Class:	None
RID (OCTI)	None
ADR (ECE)	None
RAR (IATA)	None

**10. Other information**

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All chemicals may pose unknown hazards and should be used with caution. This Material Safety Data Sheet (MSDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this MSDS. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this MSDS is based on technical data judged to be reliable, Julabo USA, Inc. assumes no responsibility for the completeness or accuracy of the information contained herein.