

Thermal C10

Version: 1.2

Reviewed on 09.04.2009

T-Nr.: 1.990.0060

Printind date: 09.04.09

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: 754 Roble Road
 ALLENTOWN, PA 18109 / U.S.A.

Phone : [+1] 610-231-0250
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 E-mail : info@julabo.com
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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.