

## SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER: **Calibration Fluid 20, 50, 100, 200, 500 cP**

OTHER MEANS OF IDENTIFICATION: None

RECOMMENDED USE: Viscometer calibration fluid

RESTRICTIONS ON USE: None

SUPPLIER IDENTIFIER: **Di-Corp**  
**8750-53 Ave**  
**Edmonton, AB T6E 5G2**  
**780-440-4923**

EMERGENCY PHONE NUMBER: 780-468-4064

## SECTION 2: HAZARD IDENTIFICATION

CLASSIFICATION: Not classified according to Part 2 of HPR.

LABEL SYMBOLS: Not applicable

SIGNAL WORD: Not applicable

HAZARD STATEMENTS: Not applicable

OTHER HAZARDS: None known.

PRECAUTIONARY STATEMENTS: Not applicable

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	CONCENTRATION
Polydimethylsiloxane	63148-62-9	100%

## SECTION 4: FIRST AID MEASURES

SKIN CONTACT: Remove contaminated clothing. Wash exposed area thoroughly with soap and water. If irritation occurs obtain medical attention.

EYE CONTACT: Immediately flush eyes with gently flowing warm water for 5 minutes. Hold eyelids apart to ensure thorough flushing. If irritation persists, obtain medical attention.

INGESTION: Do not induce vomiting unless directed to do so by medical personnel. Rinse mouth and give 2 to 4 glasses of water. If symptoms develop, obtain medical attention. Never give anything by mouth if patient is unconscious, rapidly losing consciousness or convulsing.

INHALATION: Move to fresh air. Apply oxygen or artificial respiration if required. If breathing difficulties or distress continues, obtain medical attention.

MOST IMPORTANT SYMPTOMS / EFFECTS: No known significant acute or chronic effects are expected as a result of contact with this product.

IMMEDIATE MEDICAL ATTENTION / SPECIAL TREATMENT: Treat symptomatically.

## SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Use media suitable for packaging and surrounding materials.

UNSUITABLE EXTINGUISHING MEDIA: None known.

SPECIFIC FIRE HAZARDS: Will burn if strongly heated.

HAZARDOUS COMBUSTION PRODUCTS: Silicon oxides may be generated during a fire.

SPECIAL PROTECTIVE EQUIPMENT &  
PRECAUTIONS:

Self-contained breathing apparatus required for fire-fighting personnel.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Use appropriate safety equipment. Prevent further leakage or spillage if safe to do so.

### METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Soak up spill with absorbent material. Waste material should be placed in approved container(s) for disposal.

## SECTION 7: HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING

Avoid ingestion. Practice reasonable caution and personal cleanliness. Launder contaminated clothing before reuse. Avoid skin and eye contact. Wash thoroughly after handling.

### CONDITIONS FOR SAFE STORAGE & INCOMPATIBILITIES

Store in a cool, dry area away from incompatible materials. Keep containers tightly closed at all times.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS:

Product limits have not been established.

ENGINEERING CONTROLS:

Not required for normal conditions of use. Use local exhaust ventilation, process enclosure or other engineering controls as required to maintain vapour/mist concentration below TLV's.

### PERSONAL PROTECTIVE MEASURES

RESPIRATORY PROTECTION:

Not required under normal conditions of use.

PROTECTIVE GLOVES:

Rubber or vinyl gloves recommended.

EYE PROTECTION:

Safety glasses with side-shields recommended.

OTHER PROTECTIVE EQUIPMENT (SPECIFY):

Ensure eye-wash station and emergency shower are available.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

Clear colourless liquid

ODOUR:

Odourless

ODOUR THRESHOLD:

Not applicable

pH:

Not available

MELTING POINT / FREEZING POINT:

-55°C

BOILING POINT / RANGE:

141°C

FLASH POINT:

316°C

EVAPORATION RATE:

Not available

FLAMMABILITY:

Not applicable

FLAMMABILITY / EXPLOSIVE LIMITS:

Not applicable

VAPOUR PRESSURE:

<5 mm Hg

VAPOUR DENSITY:

Not available

RELATIVE DENSITY:

0.98 g/cm<sup>3</sup>

SOLUBILITY:

Not miscible in water

PARTITION COEFFICIENT:

Not available

AUTO-IGNITION TEMPERATURE:

Not available

DECOMPOSITION TEMPERATURE:

Not available

VISCOSITY:

Not available

## SECTION 10: STABILITY AND REACTIVITY

REACTIVITY:	Not reactive under normal conditions.
CHEMICAL STABILITY:	Stable under normal conditions of use and storage.
POSSIBILITY OF HAZARDOUS REACTIONS:	Polymerization will not occur.
CONDITIONS TO AVOID:	Temperatures above 210°C.
INCOMPATIBLE MATERIALS:	Strong acids or bases – attack the polymer.
HAZARDOUS DECOMPOSITION PRODUCTS:	Not available.

## SECTION 11: TOXICOLOGICAL INFORMATION

PRODUCT TOXICITY:	Not available
SKIN CONTACT:	No effects expected.
EYE CONTACT:	May cause mild transient irritation.
INGESTION:	No adverse effects expected from incidental ingestion. Ingestion of large quantity may have laxative effect.
INHALATION:	Low hazard for usual industrial handling.
CARCINOGENICITY:	Not known to be carcinogenic.
TERATOGENICITY:	Not known to cause developmental toxicity.
REPRODUCTIVE TOXICITY:	Not known to cause reproductive toxicity.
MUTAGENICITY:	Not known to be mutagenic.
CHRONIC TOXICITY:	No information available.
TARGET ORGAN EFFECTS:	No information available.

## SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY:	Not available.
PERSISTENCE AND DEGRADABILITY:	Not available.
BIOACCUMULATIVE POTENTIAL:	Not available.
MOBILITY IN SOIL:	Not available.
OTHER ADVERSE EFFECTS:	Not available.

## SECTION 13: DISPOSAL CONSIDERATIONS

Dispose/incinerate in accordance with federal, state and local regulations. It is the responsibility of the end-user to determine if material meets the criteria of hazardous waste at the time of disposal. Triple rinse empty containers and dispose in general trash.

## SECTION 14: TRANSPORTATION INFORMATION

TDG:	Not regulated
DOT:	Not regulated
IATA:	Not regulated
IMDG:	Not regulated
UN NUMBER:	Not applicable
PROPER SHIPPING NAME:	Not applicable
CLASS:	Not applicable

PACKING GROUP: Not applicable  
IMDG HAZARDS: Not applicable  
BULK TRANSPORT: Not applicable  
SPECIAL PRECAUTIONS: Not applicable

## **SECTION 15: REGULATORY INFORMATION**

DSL: All ingredients are listed on the DSL.  
WHMIS 1988 CLASSIFICATION: Not controlled  
TSCA: All ingredients are listed or exempt from listing.

## **SECTION 16: OTHER INFORMATION**

REVISION DATE: June 19, 2018

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