

**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**
**1.1 Product identifier**

Product name: MethylHydrogen silicone fluid

Product Number: SS-6030

CAS No: 63148-57-2

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

Industrial

Intermediate chemical

**1.3 Details of the supplier of the safety data sheet**

Manufactured/Supplied by Silsource Inc.

ADDRESS: 10625 Bryant Sideroad, Port Perry, Ontario, L9L 2C6

**CHEMICAL EMERGENCY ONLY (PHONE): CANUTEC (613) 996-6666 [24 Hr.]**
**SECTION 2: HAZARD IDENTIFICATION**
**2.1 Classification of the substance or mixture**

Not applicable for GHS classification

**2.2 Label elements**
**Labelling according Regulation (EC) No 1272/2008 [CLP]**

Pictogram: **None**

Signal word: None

**Hazard statement(s):** None

**Physical hazards** Chemical compound containing silicon-hydrogen bonds (SiH).  
During storage this product may generate hydrogen gas.

**Precautionary statement(s)**

Prevention: None

Response: Not applicable

Storage: P403 + P233 Store in a well-ventilated place. Keep container tightly closed.  
P403 + P235 Store in a well-ventilated place. Keep cool.  
P405 Store locked up.

Disposal: P501 Dispose of contents/ container to an approved waste disposal plant.

**2.3 Other hazards – No data available**
**SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS**
**3.1 Substances**

Synonyms: Poly(methylhydrosiloxane), MH fluid

Component	CAS No.	Concentration
Methyl Hydrogen silicone fluid	63148-57-2	100%

**3.2 Mixtures**

Not Relevant

**SECTION 4: FIRST AID MEASURES**
**4.1 Description of first aid measures**

<b>General advice:</b>	Get medical attention if symptoms occur. Contaminated clothing to be placed in closed container until disposal or decontamination.
<b>If inhaled:</b>	Move to fresh air.
<b>In case of skin contact:</b>	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water.
<b>In case of eye contact:</b>	In the case of contact with eyes, rinse immediately with plenty of water. Continue to rinse for at least 15 minutes.
<b>If swallowed:</b>	Clean mouth with water. Do NOT induce vomiting. Get medical attention and show attending Doctor this Safety Data Sheet.
<b>Most important symptoms and effects, both acute and delayed:</b>	None known.

## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media

#### Suitable extinguishing media

Carbon dioxide (CO<sub>2</sub>), Dry chemical

#### Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire. Alkaline powders.

### 5.2 Special hazards arising from the substance or mixture

This product may generate hydrogen gas.

### 5.3 Advice for firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

### 5.4 Further information

Use water spray to cool unopened containers

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Keep away from Alkalis and caustic products. The ground may be slippery. Avoid slipping.

### 6.2 Environmental precautions

Do not discharge into drains, water courses or onto the ground. Collect spillage. For a large spillage, contain the spillage by bunding.

### 6.3 Methods and materials for containment and cleaning up

Use explosion-proof electrical/ventilating/ lighting/equipment. Containers with collected spillage must be properly labelled. Keep container tightly closed. Suitable containers: equipped with a degassing device. Absorb with sand or other inert absorbent. To clean the floor and all objects contaminated by appropriate solvent. Flush area with plenty of water.

### 6.4 Reference to other sections

For disposal see section 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

#### Advice on protection against fire and explosion:

Use mechanical ventilation in case of handling which causes formation of vapors. Provide electrical earthing of equipment and electrical equipment usable in explosive atmospheres. Nitrogen blanketing of containers is required. Ground container

and transfer equipment to eliminate static electric sparks. Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking. Use personal protective equipment. See Section 8 of the SDS.

## 7.2 Conditions for safe storage, including any incompatibilities

Store in original tightly closed container. Equipped with a degassing device. Store in a cool, dry place with adequate ventilation. Keep away from incompatible materials, open flames and high temperatures. Material should be stored under an inert atmosphere.

## 7.3 Specific end uses

no data available

# SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

## 8.1 Control parameters

### Components with workplace control parameters

Contains no substances with occupational exposure limit values.

## 8.2 Exposure controls

### Appropriate engineering controls

Provide sufficient ventilation during operations which cause vapor formation. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

### Personal protective equipment

#### Eye/face protection

Tightly fitting safety goggles. Eye wash bottle with pure water and safety shower.

#### Skin protection/ Body Protection

Wear suitable protective clothing.

#### Respiratory protection

If ventilation is insufficient, suitable respiratory protection must be provided.

# SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

## 9.1 Information on basic physical and chemical properties

<b>Physical state:</b>	Liquid
<b>Color:</b>	Colorless
<b>Odor:</b>	Faint
<b>Odor threshold:</b>	No data available.
<b>pH:</b>	Not applicable.
<b>Melting point /freezing point(°C):</b>	No data available.
<b>Boiling point, initial boiling point/ range(°C):</b>	No data available.
<b>Flash point (°C):</b>	> 100
<b>Flammability (solid, gas):</b>	No data available.
<b>Flammability limit-upper[% (V/V)]:</b>	No data available.
<b>Flammability limit-lower [% (V/V)]:</b>	No data available.
<b>Vapor pressure (KPa):</b>	< 0.1 (20°C).
<b>Vapor density (air=1):</b>	No data available.
<b>Evaporation rate:</b>	No data available.
<b>Relative density(water):</b>	0.99 (20°C) approximate
<b>Solubility:</b>	
<b>Solubility (water):</b>	Practically insoluble
<b>Solubility (other):</b>	Acetone, Ethanol, Diethylether, Aliphatic hydrocarbons, Aromatic hydrocarbons and Chlorinated solvents: Miscible.

Partition coefficient(n-octanol/water):	No data available.
Autoignition temperature(°C):	No data available.
Decomposition temperature(°C):	No data available.
Viscosity:	No data available.
Explosive properties:	No data available.
Oxidizing properties:	Not considered as oxidizing.

## 9.2 Other safety information

No data available

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

Stable under recommended storage conditions.

### 10.2 Chemical stability

Stable

### 10.3 Possibility of hazardous reactions

During Storage, This product may generate hydrogen gas.

### 10.4 Conditions to avoid

Heat, flames and sparks.

### 10.5 Incompatible materials

Strong oxidizing agents. A fire or explosion hazard arises since highly flammable gas (hydrogen) is released when it is in contact with: Alkalis and caustic products. Chemical compounds with mobile hydrogen, in the presence of metal salts and complexes.

### 10.6 Hazardous decomposition products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors. Amorphous silica.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Information on likely routes of exposure:

Inhalation:	No data available.
Ingestion:	No data available.
Skin contact:	No data available.
Eye contact:	No data available.

#### Information on toxicological effects:

Acute toxicity	LD 50 (Rat, oral): > 2 000 mg/kg
Skin corrosion/irritation:	No data available.
Serious eye damage/ eye irritation:	No data available.
Respiratory or skin sensitization:	No data available.
Germ cell mutagenicity:	No data available.
Carcinogenicity:	No data available.
Reproductive toxicity:	No data available.
Specific target organ toxicity-single exposure:	No data available.
Specific target organ toxicity-repeated exposure:	No data available.
Aspiration hazard:	No data available.

**SECTION 12: ECOLOGICAL INFORMATION**

<b>Acute toxicity:</b>	No data available.
<b>Chronic toxicity:</b>	No data available.
<b>Persistence and degradability:</b>	The product is not biodegradable.
<b>Bioaccumulative potential:</b>	The product is not bioaccumulating.
<b>Mobility in soil:</b>	No data available.
<b>Results of PBT and vPvB assessment:</b>	No data available.
<b>Other adverse effects:</b>	No data available.
<b>Additional information:</b>	No data available.

**SECTION 13: DISPOSAL CONSIDERATIONS**
**13.1 Disposal Methods**

<b>General information:</b>	The user's attention is drawn to the possible existence of local regulations before disposal.
<b>Disposal methods:</b>	Dispose of waste in accordance with local laws and regulations, and product characteristics at time of disposal. Suggest safety incinerate.
<b>Packaging:</b>	Contaminated packages should be as empty as possible. Dispose in accordance with local laws and regulations, and product characteristics at time of disposal. Recycle following cleaning or dispose of at an authorised site.
<b>Disposal needing attention:</b>	No data available.

**SECTION 14: TRANSPORT INFORMATION**
**14 International Regulation**

<b>Road and Rail Transport (ADR/RID):</b>	Not regulated.
<b>Sea Transport (IMDG):</b>	Not regulated.
<b>Air Transport (IATA):</b>	Not regulated.
<b>Environmental hazards:</b>	Not regulated.
<b>Special precautions for user:</b>	Transport by air is forbidden if the packaging has a breathing/venting bung.
<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:</b>	Not applicable.

**SECTION 15: REGULATORY INFORMATION**
**Safety, health and environmental regulations/legislation specific for the substance or mixture:**

Globally Harmonized System of Classification and Labelling of Chemicals (GHS).  
 UN Recommendations on the Transport of Dangerous Goods - Model Regulations.

<b>Chemical safety assessment:</b>	No data available
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**SECTION 16: OTHER INFORMATION**

This data is offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is made. The recommended handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use.

This SDS was prepared sincerely on the basis of the information we could obtain, however, any warranty shall not be given regarding the data contained and the assessment of hazards and toxicity. Prior to use, please investigate not only the hazards and toxicity information but also the laws and regulations of the organization, area and country where the products are to be used, which shall be given the first priority. Products are supposed to be used promptly after purchase in consideration of safety. Some new information or amendments may be added afterwards. If the products are to be used far behind the expected time of use or you have any questions, please feel free to contact us. The stated cautions are for

normal handling only. In case of special handling, sufficient care should be taken, in addition to the safety measures suitable for the situation. All chemical products should be treated with the recognition of "having unknown hazards and toxicity", which differ greatly depending on the conditions and handling when in use and/or the conditions and duration of storage. The products must be handled only by those who are familiar with specialized knowledge and have experience or under the guidance of those specialists throughout use from opening to storage and disposal. Safe usage conditions shall be set up on each user's own responsibility.

This SDS is compliant with the GHS requirements outlined at  
[http://www.ccohs.ca/oshanswers/chemicals/whmis\\_ghs/sds.html](http://www.ccohs.ca/oshanswers/chemicals/whmis_ghs/sds.html)

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