

**Safety Data Sheet**  
**According to Hazard Communication Standard (29 CFR 1910.1200)**

Methylhydrogen Silicone Fluid

Version 1.0

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## 1. Identification

**Product name** Methylhydrogen Silicone Fluid  
**Synonyms** MH Fluid  
**CAS #** 63148-57-2  
**Product code** XHG-202  
**Product use** -  
**Manufacturer/Supplier**  
**Supplier(Manufacturer):** Zhenjiang Jiangnan Chemicals Co., Ltd.  
**Address:** International Chemical Industrial Park, Zhenjiang New Area, Jiangsu Province, P.R. China.  
**Contact person(E-mail):** wynca\_info@wynca.cn  
**Telephone:** +86-400-102-9991  
**Fax:** -  
**Emergency telephone Number:** +86-571-64796259

## 2. Hazard(s) identification

### GHS classification

**Physical hazards** Not classified  
**Health hazards** Not classified  
**Environmental hazards** Not classified

### GHS label elements

**Hazard Pictograms** No hazard pictogram is used.  
**Signal word** No signal word is used.  
**Hazard statement** Not applicable.

### Precautionary statement

**Prevention** Not applicable.  
**Response** Not applicable.  
**Storage** Not applicable.  
**Disposal** Not applicable.

## 3. Composition / information on ingredients

Components	CAS#	Percent
Methylhydrogen Silicone Fluid	63148-57-2	ca.100 %

## 4. First-aid Measures

### First aid procedures

**Eye contact** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

**Skin contact** Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

**Inhalation** Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

**Ingestion**

Never give anything by mouth to an unconscious person. Get medical aid. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.

**Notes to physician**

Treat symptomatically and supportively.

**5. Fire-fighting measures****Flammable properties**

Not available.

**Extinguishing media****Suitable extinguishing media**

Use agent most appropriate to extinguish fire. Use water spray, dry chemical, carbon dioxide, or appropriate foam.

**Unsuitable extinguishing media**

Not available.

**Firefighting equipment/instructions**

In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protection, if necessary. Dispose of contaminated extinction water according to official regulations.

**Hazardous combustion products**

Irritating and toxic fumes and gases, silicon dioxide.

**6. Accidental release measures****Personal precautions**

Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Avoid contact with skin and eyes. For personal protection see section 8.

**Environmental precautions**

Avoid disposing into drainage/sewer system or directly into the aquatic environment.

**Methods for cleaning up**

Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Clean up spills immediately, observing precautions in the Protective Equipment section. Provide ventilation.

**7. Handling and storage****Handling**

Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

**Storage**

Keep container closed when not in use. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

**8. Exposure controls / personal protection****Occupational exposure limits**

This substance has no PEL, TLV, or other recommended exposure limit.

**Biological limit values**

No biological exposure limits noted for the ingredient(s).

**Appropriate engineering controls:**

Use in a well-ventilated area.

**Individual protection measures, such as personal protective equipment:****Eye / face protection**

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**Skin protection**

Wear appropriate protective gloves and clothing to prevent skin exposure.

**Respiratory protection**

A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a respirator's use.

**General hygiene considerations**

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Keep away from foodstuffs, beverages and feed. Immediately remove all

soiled and contaminated clothing.

## 9. Physical and chemical properties

### Appearance

Physical state	Liquid
Form	Liquid
Color	Clear, colorless to light straw
Odor	Not available
Odor threshold	Not available
pH	Not available
Vapor pressure	< 5 mm Hg (25 °C)
Melting point/Freezing point	Not available
initial boiling point and boiling range	Not available
Flash point	315 °C
Evaporation rate	Not available
Flammability (solid, gas)	Not available
Explosion limits	Not available
Vapor density	Not available
Density	0.995-1.015 g/cm <sup>3</sup>
Solubility (water)	Insoluble
Partition coefficient	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Specific gravity	Not available
Flammability limits in air, upper, %by volume	Not available
Flammability limits in air, lower, % by volume	Not available
VOC	Not available
Percent volatile	Not available
Other data	
Viscosity	13-21cst
Upper/lower explosive limits	Not available
Surface tension	Not available

## 10. Stability and reactivity

Chemical stability	Material is stable under normal conditions.
Conditions to avoid	Incompatible materials, excess heat, strong oxidants.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	Irritating and toxic fumes and gases, silicon dioxide.
Possibility of hazardous reactions	No dangerous reactions known.

## 11. Toxicological information

### Toxicokinetics, metabolism and distribution:

Non-human toxicological data: Not available

### Information on toxicological effects:

Acute toxicity:

LD50(Oral, Rat): Not available

<b>LD50(Dermal, Rat):</b>	Not available
<b>LC50(Inhalation, Rat):</b>	Not available
<b>Skin corrosion/Irritation:</b>	Not classified.
<b>Serious eye damage/irritation:</b>	Not classified
<b>Respiratory or skin sensitization:</b>	Not classified
<b>Germ cell mutagenicity:</b>	Not classified
<b>Carcinogenicity:</b>	Not classified
<b>Reproductive toxicity:</b>	Not classified
<b>STOT- single exposure:</b>	Not classified
<b>STOT-repeated exposure:</b>	Not classified
<b>Aspiration hazard:</b>	Not classified

## 12. Ecological information

### Toxicity:

Acute toxicity		Time	Species	Method	Evaluation	Remarks
LC50	N/A	96h	Fish	OECD 203	N/A	N/A
EC50	N/A	48h	Daphnia	OECD 202	N/A	N/A
EC50	N/A	72h	Algae	OECD 201	N/A	N/A

<b>Persistence and degradability:</b>	Not available.
<b>Bioaccumulative potential:</b>	Not available.
<b>Mobility in soil:</b>	Not available.
<b>Results of PBT&amp;vPvB assessment:</b>	Not available.
<b>Other adverse effects:</b>	No known significant effects or critical hazards.

## 13. Disposal considerations

<b>Disposal instructions</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Contaminated packaging</b>	Since emptied containers may retain product residue, follow label warnings even after container is emptied.

## 14. Transport information

### DOT

#### Basic shipping requirements:

<b>UN number</b>	Not regulated
<b>Proper shipping name</b>	Not regulated
<b>Hazard class</b>	Not regulated
<b>Packing group</b>	Not regulated
<b>Environmental hazards</b>	No

### IATA

<b>UN number</b>	Not regulated
<b>UN proper shipping name</b>	Not regulated
<b>Transport hazard class(es)</b>	Not regulated
<b>Packing group</b>	Not regulated
<b>Environmental hazards</b>	No

### IMDG

<b>UN number</b>	Not regulated
<b>UN proper shipping name</b>	Not regulated

<b>Transport hazard class(es)</b>	Not regulated
<b>Packing group</b>	Not regulated
<b>Environmental hazards</b>	No

## 15. Regulatory information

### US federal regulations

#### Toxic Substances Control Act (TSCA)

##### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

##### CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

##### SARA 304 Emergency release notification

Not regulated.

##### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

#### SARA 302 Extremely hazardous substance

Not listed.

#### SARA 311/312 Hazardous chemical

No

#### SARA 313 (TRI reporting)

Not regulated.

### Other federal regulations

#### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

#### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

#### Safe Drinking Water Act (SDWA)

Not regulated.

## 16. Other information, including date of preparation or last revision

### HMIS® ratings

Health: 0

Flammability: 1

Physical hazard: 0

### NFPA ratings

Health: 0

Flammability: 1

Instability: 0

### Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

### Issue date

08-25-2022