

Version: v1  
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## SAFETY DATA SHEET

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifiers

Product name : Hexamethyldisiloxane  
Product Number : H105444  
Brand : aladdin  
CAS-No. : 107-46-0

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

Identified uses : 仅供科研用途，不作为药物、家庭备用药或其它用途。

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

Company : Shanghai Aladdin Biochemical Tech Co.,Ltd  
Address : 36 Xinjinqiao Road, Shanghai  
Telephone : 400-620-6333  
Fax : no data available

#### 1.4 Emergency telephone number

Emergency Phone : 0532-83889090

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

**GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)**

#### 2.2 GHS Label elements, including precautionary statements



**Pictogram**

**Signal word**

**Hazard statement(s)**

H319

Warning

Causes serious eye irritation

**Precautionary statement(s)**

P264

Wash hands [and ...] thoroughly after handling.

P280

Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

#### 2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

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**SECTION 3: Composition/information on ingredients**

**3.1 Substances**

Synonyms : HMDSO  
Formula : C6H18OSi2  
Molecular weight : 162.38  
CAS No. : 107-46-0  
EC-NO. : 203-492-7

<b>Component</b>	<b>Classification</b>	<b>Concentration</b>
<b>Hexamethyldisiloxane</b>	no data available	NMR grade,99.7%

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**SECTION 4: First aid measures**

**4.1 Description of first aid measures**

**General advice**  
no data available

**If inhaled**  
no data available

**In case of skin contact**  
no data available

**In case of eye contact**  
no data available

**If swallowed**  
no data available

**4.2 Most important symptoms and effects, both acute and delayed**

no data available

**4.3 Indication of any immediate medical attention and special treatment needed**

no data available

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**SECTION 5: Firefighting measures**

**5.1 Extinguishing media**

**Suitable extinguishing media**  
no data available

**Unsuitable extinguishing media**  
no data available

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

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no data available

**5.3 Advice for firefighters**

no data available

**5.4 Further information**

no data available

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**SECTION 6: Accidental release measures**

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

no data available

**6.2 Environmental precautions**

no data available

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

no data available

**6.4 Reference to other sections**

丢弃处理请参阅第13节。

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**SECTION 7: Handling and storage**

**7.1 Precautions for safe handling**

no data available

**7.2 Conditions for safe storage, including any incompatibilities**

no data available

**7.3 Specific end use(s)**

no data available

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**SECTION 8: Exposure controls/personal protection**

**8.1 Control parameters**

**8.2 Exposure controls**

**Appropriate engineering controls**

根据工业卫生和安全使用规则来操作。 休息以前和工作结束时洗手。

**Personal protective equipment**

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### **Eyeface protection**

面罩與安全眼鏡請使用經官方標準如NIOSH (美國) 或 EN 166(歐盟) 檢測與批准的設備防護眼部。

### **Skin protection**

使用前必須檢查手套。請使用正確的方法取下手套（請勿觸摸手套的外表面），並避免任何皮膚部位接觸產品。使用后，請按照相關法律法規和有效的實驗室規程和程序小心操作被污染的手套。請清潔並吹干為您的手選擇的防護手套，必須符合法規（EU）2016/425中給出的規格以及由此衍生的en 374標準。

### **Body Protection**

防滲透的衣服, 阻燃防靜電防護服, 防護設備的類型必須根據特定工作場所中的危險物的濃度和含量來選擇。

### **Respiratory protection**

如危險性評測顯示需要使用空氣淨化的防毒面具, 請使用全面罩式多功能防毒面具 (US) 或ABEK型 (EN 14387) 防毒面具筒作為工程控制的候補。如果防毒面具是保護的唯一方式, 則使用全面罩式送風防毒面具。呼吸器使用經過測試並通過政府標準如NIOSH (US) 或CEN (EU) 的呼吸器和零件。

### **Control of environmental exposure**

如果安全需要, 防止進一步洩漏或溢出。不要讓產品進入下水道。

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## **SECTION 9: Physical and chemical properties**

### **9.1 Information on basic physical and chemical properties**

a) Appearance	form: 液體 color: 無色
b) Odour	no data available
c) Odour Threshold	no data available
d) pH	no data available
e) Melting point/freezing point	-59 °C (-74 °F) - lit.
f) Initial boiling point and boiling range	101 °C (214 °F) - lit.
g) Flash point	0.6 °C (33.1 °F) - closed cup
h) Evaporation rate	no data available
i) Flammability (solid, gas)	no data available
j) Upper/lower flammability or explosive limits	21.8 %(V)/0.5 %(V)
k) Vapour pressure	175 hPa (131 mmHg) at 50 °C (122 °F)
l) Vapour density	5.61- (Air = 1.0)
m) Relative density	0.764 g/cm <sup>3</sup> at 20 °C (68 °F)
n) Water solubility	不溶於水, 溶於多數有機溶劑。
o) Partition coefficient: n-octanol/water	no data available
p) Auto-ignition temperature	340 °C
q) Decomposition temperature	no data available
r) Viscosity	no data available
s) Explosive properties N	no data available
t) Oxidizing properties N	no data available

### **9.2 Other safety information**

no data available

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## **SECTION 10: Stability and reactivity**

### **10.1 Reactivity**

no data available

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**10.2 Chemical stability**

在建议的贮存条件下是稳定的

**10.3 Possibility of hazardous reactions**

no data available

**10.4 Conditions to avoid**

no data available

**10.5 Incompatible materials**

no data available

**10.6 Hazardous decomposition products**

no data available

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**SECTION 11: Toxicological information**

**11.1 Information on toxicological effects**

**Acute toxicity**

no data available

**Skin corrosion/irritation**

no data available

**Serious eye damage/eye irritation**

no data available

**Respiratory or skin sensitisation**

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

**Additional Information**

no data available

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**SECTION 12: Ecological information**

**12.1 Toxicity**

no data available

**12.2 Persistence and degradability**

no data available

**12.3 Bioaccumulative potential**

no data available

**12.4 Mobility in soil**

no data available

**12.5 Results of PBT and vPvB assessment**

no data available

**12.6 Other adverse effects**

no data available

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**SECTION 13:**

**13.1 Disposal considerations**

**Product**

no data available

**Contaminated packaging**

作为未用过的产品弃置。

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**SECTION 14: Transport information**

**DOT (US)**

UN number: no data available

Packing group: no data available

Class: no data available

Proper shipping name: no data available

Reportable Quantity(RQ): no data available Poison Inhalation Hazard: no data

Environmental Hazards: no data available

**IMDG**

UN number: no data available

Packing group: no data available

EMS-No: no data available

Proper shipping name: no data available

**IATA**

UN number: no data available

Packing group: no data available

Class: no data available

Proper shipping name: no data available

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**SECTION 15: Regulatory information**

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no data available

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#### SECTION 16: Other information

##### Further information

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