



# HITO CHEMICAL

## Material Safety Data Sheet

### SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product name:** H-804  
**Chemical name:** 3H,5H-Octamethyltetrasiloxane  
**MANUFACTURED BY:** JIANGXI HITO CHEMICAL CO.,LTD  
**NO 6,TIANHONG ROAD,XINGHUO INDUSTRY ZONE,  
JIUJIANG CITY, JIANGXI PROVINCE,CHINA**  
**POST CODE:** 330319  
**Emergency telephone number:** +86-792-3170318

### SECTION 2 – COMPOSITION, INFORMATION ON INGREDIENTS

<u>CAS NO.</u>	<u>Component Name</u>
16066-09-4	3H,5H-Octamethyltetrasiloxane

### SECTION 3 – HAZARDS IDENTIFICATION

<b>Eye</b>	Direct contact may cause temporary redness and discomfort.
<b>Skin</b>	No significant irritation expected from a single short-term exposure.
<b>Inhalation</b>	No significant effects expected from a single short-term exposure.
<b>Oral</b>	Low ingestion hazard in normal use

### SECTION 4 - FIRST AID MEASURES

<b>Eye</b>	Immediately flush with water.
<b>Skin</b>	No first aid should be needed.
<b>Inhalation</b>	No first aid should be needed.
<b>Oral</b>	No first aid should be needed.
<b>Comments</b>	Treat symptomatically.

### SECTION 5 - FIRE FIGHTING MEASURES

#### 5.1 Extinguishing Media

<i>Suitable</i>	Carbon dioxide. Alcohol resistant foam. Dry chemical powder.
<i>Unsuitable</i>	no data

## 5.2 Special Hazards arising from the substance or mixture

Toxic.

Corrosive.

In combustion toxic fumes may form.

## 5.3 Advice for Fire Fighters

Wear self-contained breathing apparatus.

Wear protective clothing to prevent contact with skin and eyes.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

### 6.1 Personal Precautions

Evacuate the area immediately.

Do not attempt to take action without suitable protective clothing – see section 8 of SDS.

### 6.2 Environmental Precautions

Do not discharge into drains or rivers.

Contain the spillage using bunding.

### 6.3 Methods & Materials

Mix with sand or vermiculite.

Transfer to a closable, labelled salvage container for disposal by an appropriate method.

## SECTION 7 - HANDLING AND STORAGE

### 7.1 Personal Precautions

*Safe Handling*                      Ensure there is sufficient ventilation of the area.  
Do not eat, drink or smoke when using this product.  
Wash handsoroughly after handling.

*Protection against  
explosions and fires*              Wash contaminated clothing before reuse.

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

*Managing Storage Risks*              Store in cool, well ventilated area.  
Keep container tightly closed.

*Storage Controls*                      No special requirements

*Maintaining Integrity*              Keep in tightly closed container in cool area away from direct sunlight or heat sources.

*Other advice*                              no further information available

### 7.3 Specific End Uses

The end use(s) have not been fully determined. The substance is supplied for Research and Development purposes by professionals only.

## SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

### 8.1 Control Parameters

No Data Available

### 8.2 Exposure Controls

<i>General protective and hygiene measures</i>	Wear protective gloves/protective clothing/eye protection/face protection. Wash hands during breaks and at the end of handling the material Immediately remove any contaminated clothing
<i>Engineering measures</i>	Use only outdoors or in a well-ventilated area.
<i>Eye / Face Protection</i>	Safety Glasses with side-shields.
<i>Hand protection</i>	Protective gloves.
<i>Respiratory protection</i>	Do not breathe dust/fume/gas/mist/vapours/spray. . Use breathing protection with high concentrations
<i>Skin protection</i>	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practice. Wash and dry hands. Protective clothing.
<i>Other personal protection advice</i>	no data

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Physical and Chemical Properties

Appearance	Liquid
Odour	Not Applicable
Odour threshold	Not Applicable
PH	Not Applicable
Melting point / Freezing point	<0°C
Initial boiling point and boiling range	92-94°C/50mm
Flash point	63°C
Evaporation rate	Not Applicable
Flammability(solid,gas)	Not Applicable
Upper/lower flammability or explosive limits	Not Applicable
Vapour pressure	Not Applicable
Vapour density	Not Applicable
Relative density	0.858
Solubility(ies):	Not Applicable
Partition coefficient: n-octanol/water	Not Applicable
Auto-ignition temperature	Not Applicable
Decomposition temperature	Not Applicable

Viscosity	Not Applicable
Explosive properties	Not Applicable
Oxidising properties	Not Applicable

**9.2 Other Information**

No additional information available

**SECTION 10 - STABILITY AND REACTIVITY**

**0.1 Reactivity**

no unusual reactivity

**10.2 Stability**

Stable under normal conditions.

**10.3 Possibility of Hazardous Reactions**

no hazardous reactions known

**10.4 Conditions to Avoid**

no specific conditions to avoid

**10.5 Incompatible Materials**

Oxidising agents.

**10.6 Hazardous Decomposition Products**

In combustion emits toxic fumes.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

**11.1 Information**

<i>Acute Toxicity</i>	no data
<i>Skin corrosion/irritation</i>	strong corrosive effect on skin and mucous membranes
<i>Serious eye</i>	irritant effect
<i>Damage/irritation</i>	strong corrosive effect.
<i>Respiratory or skin sensitisation</i>	No sensitizing effect known
<i>Germ Cell mutagenicity</i>	not known
<i>Carcinogenicity</i>	not known
<i>Reproductive toxicity</i>	not known
<i>STOT-single exposure</i>	not known
<i>STOT-repeated exposure</i>	not known
<i>Aspiration hazard</i>	not known

**11.2 Additional**

To the best of our knowledge the acute and chronic toxicity of this substance is not fully known.

No classification data on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH

**SECTION 12 - ECOLOGICAL INFORMATION**

**12.1 Toxicity**

not known

**12.2 Persistence and degradability**

not known

**12.3 Bio-Accumulative Potential**

not known

**12.4 Mobility and Soil**

not known

**12.5 Results of PBT & vPvB assessment**

not known

**12.6 Other adverse effects**

Do not allow product to reach ground water, water bodies or sewage system, even in small quantities.

**SECTION 13 - DISPOSAL CONSIDERATIONS****13.1 Waste Treatment Methods**

*Disposal Operations*

*Disposal of Packaging*            Disposal must be made according to official regulations.

**SECTION 14 - TRANSPORT INFORMATION****DOT Classification:**

This product is not regulated by DOT.

**Freight description road:** OIL, O/T PETROLEUM, LUBRICATING, NOIBN

**IMDG Classification:** This product is not regulated by IMDG.

**SECTION 15 - REGULATORY INFORMATION**

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.  
TSCA Status: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

**EPA SARA Title III Chemical Listings****Section 302 Extremely Hazardous Substances:**

None.

**Section 304 CERCLA Hazardous Substances:**

None.

**Section 312 Hazard Class:**

Acute: No

Chronic: No

Fire: No

Pressure: No

Reactive: No

**Section 313 Toxic Chemicals:**

None present or none present in regulated quantities.

**New Jersey**

CAS Number

Component Name

16066-09-4

3H,5H-Octamethyltetrasiloxane

**SECTION 16 - ADDITIONAL INFORMATION**

The above information is usual data and not be regarded as technically standard when using, which is according as regulate of environment and transport. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular proposes.