SAFETY DATA SHEET

Product Code: ChangFu® D4H
Product Name: 2,4,6,8-Tetramethylcyclotetrasiloxane
Date of issue: 2025-03-07
Version: 2.0

SECTION 1: Identification of the substance and of the company

1.1 GHS product identifier
Product name: 2,4,6,8-Tetramethylcyclotetrasiloxane
Product number: ChangFu® D4H
Use of the substance: Laboratory chemicals, synthesis of chemical compounds

1.2 Details of the supplier
Company: Hubei ChangFu Chemical Co., Ltd.
Address: No. 2 Dongfeng Avenue, Wuhan Economic & Technology Development Zone, Hubei, China
Tel: +86-27-8439 6550

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
Eye Damage/Irritation [Category 2A]
Flammable Liquids [Category 3]

2.2 GHS label elements
Pictogram(s):

Signal word: Warning
Hazard statement(s):
H226 - Flammable liquid and vapor
H319 - Causes serious eye irritation.

Precautionary statement(s):
P210 - Keep away from heat, open flames, sparks. No smoking.
P240 - Ground/bond container and receiving equipment.
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P303+P361+P353 - If on skin (or hair): take off immediately all contaminated clothing. Rinse skin with water/shower.
P403+P235 - Keep in a cool place.
P501 - Dispose of contents/container to licensed waste disposal facility.

SECTION 3: Composition/information on ingredients

3.1 Substance

Name	CAS No.	Concentration Range (%)
2,4,6,8-Tetramethylcyclotetrasiloxane	2370-88-9	97~100

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures
General advice
Medical attention is required. Consult a doctor. Show this safety data sheet (SDS) to the doctor in attendance.

If inhaled
Remove victims to fresh air and keep at rest in a comfortable position for breathing. Get medical advice/attention.
In case of skin contact
Take off contaminated clothing immediately. Wash off with soap and plenty of water. Consult a doctor.
In case of eye contact
Rinse with pure water for at least 15 minutes. Consult a doctor.
If swallowed
Rinse mouth with water. Do not induce vomiting. Call a doctor or Poison Control Center immediately.

4.2 Most important symptoms/effects, acute and delayed
No data available

4.3 Indication of immediate medical attention and special treatment needed, if necessary
No data available

SECTION 5: Fire-fighting measures

5.1 Extinguishing media
Suitable extinguishing media
Dry chemical, carbon dioxide or alcohol-resistant foam.

5.2 Specific hazards arising from the substance
No data available

5.3 Special protective actions for fire-fighters
Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Avoid dust formation. Avoid breathing mist, gas or vapors. Avoid contacting with skin and eye. Use personal protective equipment. Wear chemical impermeable gloves. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

6.2 Environmental precautions
Prevent further spillage or leakage if it is safe to do so. Do not let the chemical enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up
Collect and arrange disposal. Keep the chemical in suitable and closed containers for disposal. Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment. Adhered to or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Handling in a well-ventilated place. Wear suitable protective clothing. Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Use non-sparking tools. Prevent fire caused by electrostatic discharge steam.

7.2 Conditions for safe storage, including any incompatibility

Store the container tightly closed in a dry, cool and well-ventilated place. Store apart from foodstuff containers or incompatible materials.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

No data available

8.2 Appropriate engineering controls

Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Set up emergency exits and the risk-elimination area.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Wear tightly fitting safety goggles with side-shields conforming to EN 166(EU) or NIOSH (US).

Skin protection

Wear fire/flame resistant and impervious clothing. Handle with gloves. Gloves must be inspected prior to use. Wash and dry hands. The selected protective gloves must satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

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Respiratory protection

If the exposure limits are exceeded, irritation or other symptoms are experienced, use a full-faced respirator.

Thermal hazards

No data available

SECTION 9: Physical and chemical properties

Physical state: Clear liquid

Color: colorless or light yellow

Odor: no data available

Melting point/ freezing point: no data available

Boiling point: no data available

Flammability: no data available

Flash point: no data available

Solubility: no data available

Vapor pressure: no data available

Density and/or relative density: 0.983

Relative vapor density: no data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

Stable in strictly sealed containers.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Heat, sparks and open flame.

10.5 Incompatible materials

No data available.

10.6 Hazardous decomposition products

No data available.

SECTION 11: Toxicological information

Acute toxicity

Oral: no data available

Inhalation: no data available

Dermal: no data available

Skin corrosion/irritation: no data available

Serious eye damage/irritation: no data available

Respiratory or skin sensitization: no data available

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 Other adverse effects

No data available

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SECTION 13: Disposal considerations

13.1 Disposal methods

Product

The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge the sewer systems.

Contaminated packaging

Containers can be triply rinsed (or equivalent) and offered for recycling or reconditioning. Alternatively, the packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.

SECTION 14: Transport information

14.1 UN number

1993

14.2 UN proper shipping name

Flammable liquids, n.o.s.

14.3 Transport hazard class(es)

3

14.4 Packing group, if applicable

III

15. Regulatory information

No data available

16. Other information

Disclaimer

This SDS only provides information on the safety of the use of the product to professionally trained users. The information in this SDS is based on our current knowledge and is used as a guide only and does not represent any guarantee as to the performance of the product. Users of the SDS must make their own judgment on the applicability of the SDS under special conditions of use. ChangFu Chemical shall not be liable for any damage caused by any handling or contact with the above products.

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