



杭州大阳化工有限公司  
Hangzhou Dayangchem Co., Ltd.

## Safety Data Sheet

No :M-2722

### Section 1 - Product and Company Identification

**SDS Name:** Dichlorodiphenylsilane

**Synonyms:** Diphenyldichlorosilane

**Company Identification:** Hangzhou Dayangchem Co., Ltd.

**For information, call:** 86-571-88938639

**For information, E-mail:** infores@chinadayangchem.com

**Emergency Number:** 86-571-88938639

**For CHEMTREC assistance, call:** 86-571-88938639; FAX:86-571-88938652

### Section 2 – Hazards Identification

#### Classification of the substance or mixture

According to Regulation (EC) No1272/2008

Acute toxicity, Dermal (Category 2)

Skin corrosion (Category 1B)

According to European Directive 67/548/EEC as amended.

Toxic in contact with skin. Causes burns.

#### Label elements

Pictogram



Signal word     Danger

**Hazard statement(s)**

H310 Fatal in contact with skin.

H314 Causes severe skin burns and eye damage.

**Precautionary statement(s)**

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302 + P350 IF ON SKIN: Gently wash with plenty of soap and water.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor/physician.

**Hazard symbol(s)**

C Corrosive

T Toxic

**R-phrase(s)**

R24 Toxic in contact with skin.

R34 Causes burns.

**S-phrase(s)**

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

**Other hazards**-none

**Section 3 – Composition/Information on Ingredients**

CAS#	Chemical Name	%	EINECS#	Classification
80-10-4	Dichlorodiphenylsilane	99	201-251-0	Acute Tox. 2; Skin Corr. 1B; H310, H314 C, T, R24 - R34

For the full text of the H-Statements mentioned in this Section, see Section 16.

## Section 4 - First Aid Measures

**General advice** Consult a physician. Show this safety data sheet to the doctor in attendance.

**If inhaled** If breathed in, move person into fresh air. If not breathing give artificial respiration  
Consult a physician.

**In case of skin contact** Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

**In case of eye contact** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**If swallowed** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

## Section 5 - Fire Fighting Measures

**General Information:** Wear self contained breathing apparatus for fire fighting if necessary.

**Extinguishing Media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

## Section 6 - Accidental Release Measures

**General Information:** Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

**Spills/Leaks:** Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

## Section 7 - Handling and Storage

**Handling:** Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Normal measures for preventive fire protection.

**Storage:** Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Moisture sensitive. Store under inert gas.

## Section 8 - Exposure Controls, Personal Protection

Contains no substances with occupational exposure limit values.

### Personal Protective Equipment

**Respiratory protection** Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Hand protection** The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Handle with gloves.

**Eye protection** Tightly fitting safety goggles. Faceshield (8-inch minimum).

**Skin and body protection** Choose body protection according to the amount and concentration of the dangerous substance at the work place.

## Section 9 - Physical and Chemical Properties

**Physical State:** clear liquid

**Color:** colourless to light yellow.

**Odor:** Not available.

**pH:** Not available.

**Vapor Pressure:** 2.7 hPa at 125 °C

**Viscosity:** Not available.

**Boiling Point:** 305 °C - lit.

**Freezing/Melting Point:** Not available.

**Autoignition Temperature:** Not available.

**Flash Point:** 142 °C - closed cup

**Explosion Limits:Lower:** Not available.

**Explosion Limits Upper:** Not available.

**Decomposition Temperature:** Not available.

**Solubility in water:** Decomposes in contact with water.

**Specific Gravity/Density:** 1.204 g/mL at 25 °C

**Molecular Formula:** C<sub>12</sub>H<sub>10</sub>Cl<sub>2</sub>Si

**Molecular Weight:** 253.2

## Section 10 - Stability and Reactivity

**Chemical Stability:** Stable under normal temperatures and pressures.

**Conditions to Avoid:** Exposure to moisture. Do not allow water to enter container.

**Incompatibilities with Other Materials:** Strong oxidizing agents, Bases

**Hazardous Decomposition Products:** Carbon oxides, Hydrogen chloride gas, silicon oxides

## Section 11 - Toxicological Information

**RTECS#:** CAS#80-10-4: VV3190000

**LD50/LC50:** RTECS:

LD50 Dermal - rabbit - 120 mg/kg

**Carcinogenicity:** Diphenyldichlorosilane- Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

**Potential health effects**

**Inhalation** May be harmful if inhaled. Material is extremely destructive to the tissue of the

mucous membranes and upper respiratory tract.

**Ingestion** May be harmful if swallowed. Causes burns.

**Skin** Toxic if absorbed through skin. Causes skin burns.

**Eyes** Causes eye burns.

## Section 12 - Ecological Information

Not available.

## Section 13 - Disposal Considerations

**Product** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

**Contaminated packaging** Dispose of as unused product.

## Section 14 - Transport Information

	IMO	RID/ADR	IATA
<b>Shipping Name:</b>	DIPHENYLDICHLORO-SILANE	DIPHENYLDICHLORO-SILANE	Diphenyldichlorosilane
<b>Hazard Class:</b>	8	8	8
<b>UN Number:</b>	1769	1769	1769
<b>Packing</b>	II	II	II

<b>Group:</b>			
<b>marine pollutant:</b> No			
<b>other applicable information:</b> Not permitted for transport			

## Section 15 - Regulatory Information

This safety data sheet complies with the requirements of Regulation (EC) No 1907/2006

## Section 16 - Other Information

### Text of H-code(s) and R-phrase(s) mentioned in Section 3

Acute Tox. Acute toxicity

H310 Fatal in contact with skin.

H314 Causes severe skin burns and eye damage.

Skin Corr. Skin corrosion

C Corrosive

T Toxic

R24 Toxic in contact with skin.

R34 Causes burns.

**SDS Creation Date:** 23/09/2008

**Revision #1 Date:** 20/10/2010

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*of such damages.*