

# 4,4'-Dihydroxydiphenyl ether

## SAFETY DATA SHEET

# SDS

WUXI XINFENG CHEMICAL CO.,LTD

according to GHS(fourth revised edition)

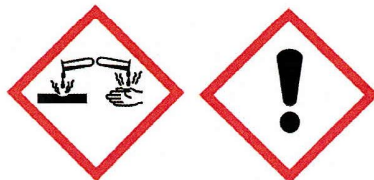
### Section 1 - Product and Company Identification

<b>Product name</b>	4,4'-Dihydroxydiphenyl ether
<b>Applicant name</b>	WUXI XINFENG CHEMICAL CO.,LTD
<b>Application address</b>	No.1 Yanghua Road, Yangshi Town, Wuxi City, Jiangsu Province, China
<b>Applicant post code</b>	214154
<b>Applicant fax</b>	+86-510-83556298
<b>Applicant emergency number</b>	+86-510-83568599
<b>Manufacturer name</b>	WUXI XINFENG CHEMICAL CO.,LTD
<b>Manufacturer address</b>	No.1 Yanghua Road, Yangshi Town, Wuxi City, Jiangsu Province, China
<b>Manufacturer post code</b>	214154
<b>Manufacturer fax</b>	+86-510-83556298
<b>Manufacturer emergency number</b>	+86-510-83568599
<b>SDS number</b>	DG1303690E
<b>Effective date</b>	APR 11.2021

### Section 2 –Hazards Identification

**Hazard class and label elements of the substance according to GHS(the fourth revised edition):**

<b>Hazard class</b>	Acute toxicity, oral	category4
	Skin corrosion/irritation	category2
	Sensitisation, skin	category1
	Serious eye damage/eye irritation	category1
	Specific target organ toxicity, single exposure; Respiratory tract irritation	category3

**Pictogram****Signal**

Danger

**Hazard statement(s)**

H302 Harmful if swallowed  
H315 Causes skin irritation  
H317 May cause an allergic skin reaction  
H318 Causes serious eye damage  
H335 May cause respiratory irritation

**Precautionary statements**

<b>Prevention</b>	<p>P261 Avoid breathing dust/fume/gas/mist/vapours/spray.</p> <p>P264 Wash thoroughly after handling.</p> <p>P270 Do not eat, drink or smoke when using this product.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P272 Contaminated work clothing should not be allowed out of the workplace.</p> <p>P280 Wear protective gloves/protective clothing/eye protection/face protection.</p>
<b>Response</b>	<p>P301+P312 IF SWALLOWED: Call a POISON CENTER/ doctor/if you feel unwell.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310 Immediately call a POISON CENTER/doctor.</p> <p>P333+P313 If skin irritation or rash occurs: Get medical advice/attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p>
<b>Storage</b>	<p>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</p> <p>P405 Store locked up.</p>
<b>Disposal</b>	<p>P501 Dispose of contents/container in accordance with local/regional/national/ international regulations.</p>

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

Component	Concentration(%)	CAS No.	EC No.
4,4§-Dihydroxydiphenyl ether	Commercial Secrets	1965-09-9	217-809-1

**Section 4 – First Aid Measures**

<b>After skin contact</b>	Wash off with soap and plenty of water. Consult a physician.
<b>After eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician
<b>After ingestion</b>	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
<b>After inhalation</b>	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**Section 5 – Fire Fighting Measures**

<b>Hazardous products of combustion</b>	Carbon oxides.
<b>Extinguishing method</b>	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
<b>Special protective equipment</b>	Wear self contained breathing apparatus for fire fighting if necessary.

**Section 6 – Accidental Release Measure**

<b>Personal precautions</b>	Use personal protective equipment. Avoid dust formation. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.
<b>Environmental precautions</b>	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.



**Methods for cleaning up** Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

## Section 7 – Handling and Storage

**Handling** Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. 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.

## Section 8 – Exposure Controls, Personal Protection

**Engineering Controls** Safety shower and eye bath. Mechanical exhaust required.

**Respiratory protection** Use a full-face supplied air respirator.

**Eye protection** Wear chemical goggles.

**Hand Protection** Wear impervious chemical resistant gloves

**Body protection** Protective work clothing

## Section 9 – Physical and Chemical Properties

**Appearance:** white solid

**Odor threshold:** No data available

**Melting point/freezing point(°C):** No data available

**Flash point(°C)(closed cup):** No data available

**Flammability:** No data available

**Lower explosive limit%(V/V):** No data available

**Vapor density(g/mL):** No data available

**Solubility:** No data available

**Auto-ignition temperature(°C):** No data available

**Viscosity(m<sup>2</sup>/s):** No data available

**Odor:** No data available

**pH value:** No data available

**Initial boiling point and boiling range(°C):** No data available

**Evaporation Rate:** No data available

**Upper explosive limit%(V/V):** No data available

**Vapor pressure(MPa):** No data available

**Relative density(g/cm<sup>3</sup>):** No data available

**Octanol / water partition coefficient:** No data available

**Decomposition temperature(°C):** No data available

## Section 10 – Stability and Reactivity

**Reactive** No data available

**Chemical stability** Stable under the condition recommended.

**Possibility of hazardous reactions** No data available

**Avoid conditions** No data available

**Incompatible materials** Oxidizing agents

**Hazardous decomposition products** No data available

## Section 11 – Toxicological Information

**Acute toxicity:** No data available

**Skin corrosion/irritation:** No data available

**Serious eye damage/eye irritation:** No data available

**Respiratory or skin sensitization:** 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

## Section 12 – Ecological Information

**Ecotoxicity:**

4,4'-Dihydroxydiphenyl ether:LC<sub>50</sub>(Pimephales promelas,96h) 5.2mg/L

**Biodegradability:** No data available

**Abiotic degradation:** No data available

**Bioaccumulation:** No data available

**Other hazards:** No data available.

## Section 13 – Disposal Considerations

**Property of waste:** No data available

**Methods of disposal:** Dispose of in a manner consistent with federal, state, and local regulations. Burning method is recommended.

**Precautions of disposal:** No data available.

## Section 14 - Transport Information

According to the criteria of chemical classification settled in 《UN Recommendations on the Transport of Dangerous Goods Model Regulations》 (Seventeenth revised edition), this substance is not dangerous.

## Section 15 - Regulatory Information

Component	CHINA	TSCA	ENCS	EINECS
4,4'-Dihydroxydiphenyl ether	√	√	√	√

Note 1:

**CHINA** - China Inventory of Existing Chemical Substances

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**ENCS** - Japan Existing and New Chemical Substances

**EINECS** - European Inventory of Existing Commercial Chemical Substances

Note 2:

"√" Indicates that the substance included in the regulations

"-" That no data or included in the regulations

## Section 16 - Additional Information

**Prepared by:**

Changzhou Testing Center of Entry-Exit Industrial and Consumable Products

**Completion Date:**

APR11.2021

**Modification statement:**

Original. Please update before the implementation of the GHS fifth revised edition.

**Other information:**

The information contained herein is prepared according to UN GHS (the fourth revised edition) and is accurate to the best of our knowledge. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to



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