



## Material Safety Data Sheet (MSDS)

### 1. Product and Company Identification

**Product Name: FO777 Cross-linking Agent**

Name of Manufacturer or Supplier: Cai Yun Fine Chemicals Co., Ltd.

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Department: Technical Dept.

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Emergency Phone Number to National Chemical Accident Handling Unit: 0532-83889090

### 2. Information on Ingredients

Component	Concentration (%)	Hazardous substance	CAS No.
Iso-cynate	85-95	Acute toxicity 4	143472-08-6
Other mixture	0-10	No	-

### 3. Hazard Identification

GHS Category:

Acute toxicity Category 4 (H332)

Skin irritation Category 1B (H317)

Environmental effect: Category 3 (H412)

### 4. First Aid Measures

Skin contact: Wash the affected area under tapped running water using a mild soap.

Eye contact: Gently rinse the affected eyes with clean water, consult a doctor as soon as possible.

Inhalation: Remove the victim from the contamination immediately to fresh air, and consult a doctor.

Ingestion: Do not vomit and consult a doctor as soon as possible.

### 5. Firefighting Measures

Fire-Fighting measures: Cut off the fire source using carbon dioxide or dry powder extinguisher.

Suitable extinguishing media: Carbon Dioxide, dry powder extinguisher

### 6. Accidental Release Measure

Environmental precautions Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

Methods for cleaning up Sweep up or vacuum up spillage and collect in suitable container for disposal.



## 7. Handling and Storage

Advice on safe handling: Operation without special requirements. Avoid eye contact, avoid inhalation of paste, and wash hands after handling. Avoid rough handling or dropping. Do not flush to sewer or waterways.

Storage: Keep container tightly closed and in a well-ventilated place. Most suitable storage temperature is 5~35°C. Keep away from heat, steam pipe or sunlight.

## 8. Exposure Controls/Personal Protection

Max acceptable concentration: No data available

Engineering measures: Good general ventilation should be sufficient for most conditions.

Personal protective equipment: Respiratory protection: wear a respirator  
Eye protection: wear safety glasses.  
Hand, Skin and Body protection: rubber gloves should be used. No precautions other than clean body-covering clothing should be needed.

## 9. Physical and Chemical Properties

Appearance:	Clear or light yellow liquid	Melting point/range:	NA
Density(g/cm <sup>3</sup> ):	1.16 (20°C)	Boiling point/range:	<300°C
Odor:	Odorless	Flash point:	230°C
pH value:	No data available	Water solubility:	Not soluble
Solubility in other solvents:	No data available	Evaporation rate:	No data available

## 10. Stability and Reactivity

Stability:	Stable
Flammable Limit:	NA
Conditions to avoid:	NA
Hazardous decomposition products:	None

## 11. Toxicological Information

Acute toxicity:	Harmful if ingestion	Carcinogenic effect:	No data available
Mutagenic effects:	No data available	Corrosive and irritant properties:	Light skin irritation
Allergenic and sensitizing effects:	Possible to cause allergy on skin	Evocation of reproductive system:	No data available



## 12. Ecological Information

Biodegradability:	No data available
Bio-accumulation:	No data available
Aquatic toxicity:	No data available

## 13. Disposal Considerations

Product	The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Should be disposed in compliance with local regulations.
Contaminated packaging	Recycle or dispose in compliance with local regulations

## 14. Transport Information

ADR/RID :	Non-hazardous for transportation
IMDG :	Non-hazardous for sea transportation
IATA-DGR :	Non-hazardous for air transportation

## 15. Regulatory Information

Law of the People's Republic of China on Prevention of Environmental Pollution Caused by Solid Waste, Regulations on the Control over Safety of Dangerous Chemicals (issued by the state council Feb.2002), Regulation on Safe use of Chemicals at Workplaces (NO.423 issued by the labour ministry [1996]) and other related laws, have listed out the principals and instructions on chemicals safety, production, storage, transportation, loading and unloading matters. Please contact Cai Yun Fine Chemicals Co.,Ltd. for more information if needed.

## 16. Further Information

Literature	General rules for preparation of chemical safety data sheet (GB16483-2000) Classification and labels of dangerous chemical substances commonly used (GB13690-1992)
Creation Date	2016.1

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