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4h Filos, Building 13, No. 1 Wangdong Mddle Road, Sijing Town, Songliang District, Shanghal 40:920-2911         HAZARDS IDENTIFICATION         Classification of the substance or mixture         GHS Classification in accordance with 20 CFR 1910 (OSHA HCS)         Sensitisation, skin (Calegory 1, A, 1B)         No Resource File         CHS Label elements, including precautionary statements         Pictogram         Of SLabel elements, including precautionary statements         Pictogram         Signal word       Danger         Hazard statement(s)         Pictogram       Option         Procautionary statement(s)         Pictogram       Option         Procautionary statement(s)         Pictogram       Option         Pictogram       Option         Page       Do not handle until all sefty precautions have been read and understood.         Pictogram       Option thandle until all sefty precautions have been read and understood.         Pictogram       Option thandle until all sefty precaution fine protection.         Pictogram       Option thandle dustlim inglason despating protection.         Pictogram       Option thandle dustlim lights/medispating have been read and understood.         Pictogram       Gotanianization with plotograp option and baveet benindional understood.	.2		-					
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Pictogram         Image: Pictogram           Signal word         Danger           Hazard statement(s)         May cause an allergic skin reaction           H37         May cause cancer           Potogram         Obtain special instructions before use.           P201         Contaminated work cloting special instructions have been read and understood.           P216         Do not handle until all safety precautions have been read and understood.           P261         Contaminated work cloting instructions before use.           P261         Contaminated work cloting instructions before use.           P262         Contaminated work cloting instructions have been read and understood.           P263         Contaminated work cloting ing instructions dured out of the workplace.           P264         Contaminated work cloting ing instructions dured out of the workplace.           P264         Go not handle until all safety precautions have been read and understood.           P264         Awai pretective gloves/protective cloting/eye protection/face protection.           P264         Go not kandle until all safety precautions have dured at workplace.           P264         If exposed or concerned: Cet malical advice/attention.           P334P313         If skin irritation or rash occurs: Get medical advice/attention.           P364         Matteratadadadadadadadadadadadadadadadadadada		-				H350		
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P202       Do not handle until all safety precautions have been read and understood.         P261       Axoid breathing dust/fume/gas/mist/vapours/spray.         P272       Contaminated work clothing should not be allowed out of the workplace.         P280       Wear protective gloves/protective clothing/eye protection/face protection.         P302+P352       IF ON SKIN: Wash with plenty of soap and water.         P308+P313       If exposed or concerned: Get medical advice/attention.         P405       Store locked up.         P501       Dispose of contents/container to in accordance with local regulation         3       Other hazards         Additional precautionary phrases are located throughout the safety data sheet.         COMPOSITION, INFORMATION ON INGREDIENTS         1       Molecular Formula: C14H802 Molecular Weight: 208.2121 <ul> <li></li></ul>		Precaut	tionary statement(s)					
P261       Avoid breathing dustfume/gas/mist/vapours/spray.         P272       Contaminated work clothing should not be allowed out of the workplace.         P280       Wear protective gloves/protective clothing/eye protection/face protection.         P302+P352       IF ON SKIN: Wash with plenty of soap and water.         P308+P313       IF exposed or concerned: Get medical advice/attention.         P333+P313       If skin irritation or rash occurs: Get medical advice/attention.         P405       Store locked up.         P501       Dispose of contents/container to in accordance with local regulation         3       Other hazards         Additional precautionary phrases are located throughout the safety data sheet.         1       Molecular Formula: C14H802         Molecular Formula: C14H802		P201		Obtain spec	al instructions before use.			
P272       Contaminated work clothing should not be allowed out of the workplace.         P280       Wear protective gloves/protective clothing/eye protection/face protection.         P302+P352       IF ON SKIN: Wash with plenty of soap and water.         P308+P313       IF exposed or concerned: Get medical advice/attention.         P333+P313       If skin irritation or rash occurs: Get medical advice/attention.         P405       Store locked up.         P501       Dispose of contents/container to in accordance with local regulation         3       Other hazards         Additional precautionary phrases are located throughout the safety data sheet.         COMPOSITION, INFORMATION ON INGREDIENTS         1       Molecular Formula: C14H802         Molecular Veight: 208.2121       Concentration         CAS Number       84-65-1         FIRST AID MEASURES       FIRST AID MEASURES								
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P302+P352       IF ON SKIN: Wash with plenty of soap and water.         P308+P313       IF exposed or concerned: Get medical advice/attention.         P333+P313       If skin irritation or rash occurs: Get medical advice/attention.         P405       Store locked up.         P501       Dispose of contents/container to in accordance with local regulation         3       Other hazards         Additional precautionary phrases are located throughout the safety data sheet.         COMPOSITION, INFORMATION ON INGREDIENTS         1       Molecular Formula: C14H802         Molecular Weight: 208.2121 <ul> <li>Component</li> <li>CAS Number</li> <li>84-65-1</li> <li>FIRST AID MEASURES</li> </ul>	P272 Contaminated work clothing should not be allowed out of the workplace.							
P308+P313       IF exposed or concerned: Get medical advice/attention.         P333+P313       If skin irritation or rash occurs: Get medical advice/attention.         P405       Store locked up.         P501       Dispose of contents/container to in accordance with local regulation         3       Other hazards         Additional precautionary phrases are located throughout the safety data sheet.         COMPOSITION, INFORMATION ON INGREDIENTS         Molecular Formula: C14H802         Molecular Weight: 208.2121         Component       Concentration         Anthraquinone       EASNumber         EASNumber       84-85-1       -         FIRST AID MEASURES       FIRST AID MEASURES		P280		Wear protec	tive gloves/protective clothing/eye protecti	on/face protection.		
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P405       Store locked up.         P501       Dispose of contents/container to in accordance with local regulation         3       Other hazards         Additional precautionary phrases are located throughout the safety data sheet.         COMPOSITION, INFORMATION ON INGREDIENTS         1       Molecular Formula: C14H802 Molecular Weight: 208.2121		P308+P3	313					
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Molecular Formula: C14H8O2         Molecular Weight: 208.2121         Component       Concentration         Anthraquinone         CAS Number       84-65-1         FIRST AID MEASURES	2.3							
Molecular Weight: 208.2121       Component     Concentration       Anthraquinone     CAS Number       B4-65-1     -	3							
Molecular Weight: 208.2121       Component     Concentration       Anthraquinone     CAS Number       B4-65-1     -	8.1	Molecula	r Formula: C1/H8O2					
Anthraquinone       CAS Number       84-65-1								
CAS Number 84-65-1 -			Component			Concentration		
FIRST AID MEASURES			Anthraquinone					
			CAS Number		84-65-1	-		
	_							
1 Description of first aid measures	4	FIRST A	MD MEASURES					
	.1	Descrip	tion of first aid measu	ires				



## General advice

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

## 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. Continue rinsing eyes during transport to hospital.

#### If swallowed

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

### 4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

#### Indication of any immediate medical attention and special treatment needed 43 No data available

#### 5 FIRE FIGHTING MEASURES

#### Extinguishing media 5.1

Suitable extinguishing media: alcohol-resistant foam, dry chemical or carbon dioxide Unsuitable extinguishing media: no data

5.2 Special hazards arising from the substance or mixture In combustion toxic fumes may form.

#### 5.3 Advice for firefighters

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes

#### 6 ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures

Wear respiratory protection. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. Do not attempt to take action without suitable protective clothing. For personal protection see section 8.

## 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains or river. Alert the neighbourhood to the presence of fumes or gas.

# 6.3 Methods and materials for containment and cleaning up Mix with sand or vermiculite. Sweep up and shovel. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

## 6.4 Reference to other sections For disposal see section 13.

HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Wash hands thoroughly after handling. Ensure there is sufficient ventilation of the area.

Normal measures for preventive fire protection. For precautions see section 2.2.

# 7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated area. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep in inert atmosphere, Sealed in dry,Room Temperature



## 7.3 Specific end use(s)

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



## EXPOSURE CONTROLS, PERSONAL PROTECTION

## 8.1 Control parameters

## Components with workplace control parameters

Contains no substances with occupational exposure limit values.

## 8.2 Exposure controls

### Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

## Personal protective equipment

#### Eye/face protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

#### Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product.

Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

#### **Body Protection**

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

#### **Respiratory protection**

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) 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).

# Control of environmental exposure

Do not let product enter drains.

## PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Form: Crystal - Powder / Colour: Pale yellow - Greyish reddish yellow
Boiling Point	No data available
Melting Point	No data available
Odour	No data available
Odour Threshold	No data available
pH	No data available
Flash point	No data available
Evapouration rate	No data available
Vapour pressure	No data available
Vapor Density	No data available
Relative density	No data available
Solubility in water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity No Data	No data available
Explosive properties	No data available
Oxidizing properties	No data available

#### 10 STABILITY AND REACTIVITY

### 10.1 Reactivity

No data available

## 10.2 Chemical stability

Stable under recommended storage conditions.

## 10.3 Possibility of hazardous reactions

No data available



# 10.4 Conditions to avoid Not data available

- 10.5 Incompatible materials Oxidizing agents
- **10.6 Hazardous decomposition products** Carbon monoxide , carbon dioxide

## TOXICOLOGICAL INFORMATION

## 11.1 Information on toxicological effects

Acute Toxicity	No data available
Skin corrosion/irritation	No data available
Serious eye Damage/irritation	No data available
Respiratory or skin sensitisation	No data available
Germ Cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available
STOT-single exposure	No data available
STOT-repeated exposure	No data available
Aspiration hazard	No data available

### 11.2 Additional

1

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

## 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 Results of PBT and vPvB assessment

No data available

# 12.6 Other adverse effects

No data available

# 13 DISPOSAL CONSIDERATIONS

## 13.1 Waste treatment methods

# Disposal Operations

IMDG: Not dangerous goods

Consult state, local or national regulations for proper disposal. Hand over to authorised disposal company as hazardous waste. Disposal of Packaging

Disposal must be made according to official regulations.

14	TRANSPORT INFORMATION		
	<b>UN number</b> ADR/RID: -	IMDG: -	IATA: -
	UN proper shipping name ADR/RID: Not dangerous goods		



	IATA: Not dangerous goods				
14.3	Transport hazard class(es) ADR/RID: -	IMDG: -	IATA: -		
14.4	Packaging group ADR/RID: -	IMDG: -	IATA: -		
14.5	Environmental hazards ADR/RID: -	IMDG: -	IATA: -		
14.6	Special precautions for user No special precautions required				
14.7	Further information No data available				
15	REGULATORY INFORMATION				
	Safety, health and environmental and national regulations: Product is not subject to any additional regulations or provisions California Proposition 65 This product is on California's listing of known or potential carcinogens.				

No Chemical Safety Assessment

## OTHER INFORMATION

16

Safety Assessment

The reference company name of written contents

Company: Kaimeike (Shanghai) Pharmatech Co., Ltd

Address: 4th Floor, Building 13, No.1 Wangdong Middle Road, Sijing Town, Songjiang District, Shanghai Telephone: 400-920-2911

This SDS was prepared sincerely on the basis of the information we could obtained, however, any warranty shall not be given regarding the data contained and the assessment of hazards and toxicity. Prior to use, please investigate not only the hazards and toxicity information but also the laws and regulations of the organization, area and country where the products are to be used, which shall be given the first priority. products are supposed to be used promptly after purchase in consideration of safety. Some new information or amendments may be added afterwards. If the products are to be used far behind the expected time of use or you have any questions, please feel free to contact us. The stated cautions are for normal handling only. In case of special handling, sufficient care should be taken, in addition to the safety measures suitable for the situation. All chemical products should be treated with the recognition of "having unknown hazards and toxicity", which differ greatly depending on the conditions and handling when in use and/or the conditions and duration of storage. The products must be handled only by those who are familiar with specialized knowledge and have experience or under the guidance of those specialists throughout use from opening to storage and disposal. Safe usage conditions shall be set up on each user's own responsibility.

Revision Date 09/29/2024 Print Date 03/28/2025