



# Safety Data Sheet (SDS)

According to (EC) No.1907/2006 and amendment (EU) 2015/830

Report No.: HST231121002YE      Date: November 21, 2023      Page 1 of 10

Product Name: Dodecenylsuccinic anhydride

## SDS

According to

(EC) No.1907/2006 and amendment (EU) 2015/830

**Applicant:** Guangdong HuaJinDa New Material Technology Co., LTD.  
**Address:** 58 Oak Avenue, Maoming High-tech Industrial Development Zone, Guangdong Province.

**Product Name:** Dodecenylsuccinic anhydride  
**Model No.:** CA-I-02

**Issue date:** November 21, 2023

**Edited by:** High standards Technology Co., Ltd.

Written by: \_\_\_\_\_

Checked by: \_\_\_\_\_

Approved by: \_\_\_\_\_



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**Product Name:** Dodecenylsuccinic anhydride

## Section 1 - Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Product name: Dodecenylsuccinic anhydride

Model No.: CA-I-02

Registration number: No registration number is given yet.

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Used as a toughness curing agent for epoxy resin adhesive.

Uses advised against: No information available.

### 1.3 Details of the supplier of the safety data sheet

Supplier: Guangdong HuaJinDa New Material Technology Co., LTD.

Address: 58 Oak Avenue, Maoming High-tech Industrial Development Zone, Guangdong Province.

Postcode: 525000

E-mail: 13437557572@163.com

Telephone: +86-19928681787

Fax: /

### 1.4 Emergency telephone number: +86-0668-2755798

## Section 2 - Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008 [CLP]

Skin Irrit. 2 H315

Eye Irrit. 2 : H319

Aquatic Chronic 3 H412

#### Classification according to Directive 67/548/EEC [DSD] or Directive 1999/45/EC [DPD]

Xi; R38

Xi; R36

R52-53

### 2.2 Label elements

#### Labelling according to Regulation (EC) No 1272/2008 [CLP]

The product is classified and labelled according to the CLP regulation.

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Product Name: Dodecenylsuccinic anhydride

## Hazard pictogram(s):



GHS07

**Signal word:** Warning

## Hazard statement(s):

- H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H412 Harmful to aquatic life with long lasting effects.

## Precautionary statements:

- P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P103 Read label before use.  
P264 Wash ... thoroughly after handling.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P321 Specific treatment (see ... on this label).  
P362 Take off contaminated clothing and wash before reuse.  
P302+P352 IF ON SKIN: 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.  
P337+P313 If eye irritation persists: Get medical advice/attention.  
P332+P313 If skin irritation occurs: Get medical advice/attention.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**2.3 Other hazards:** No information available.

## Results of PBT and vPvB assessment:

**PBT:** Not applicable.

**vPvB:** Not applicable.

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Product Name: Dodecenylsuccinic anhydride

## Section 3 – Composition/Information on Ingredient

3.1 Chemical characterization: Mixtures.

Description:

Product: consisting of the following components.

Chemical Name	CAS No.	EC No.	Concentration
Dodecenylsuccinic anhydride	25377-73-5	246-917-1	≥99%

Additional information: For the wording of the listed risk phrases refer to section 16.

## Section 4 - First Aid Measures

4.1 Description of first aid measures

General information:

In all cases of doubt, seek medical attention, Show this safety data sheet to the doctor in attendance.

Following inhalation:

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is difficult, give oxygen. In case of shortness of breath, give oxygen. Get medical attention.

Following skin contact:

Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

Following eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

Following ingestion:

If swallowed, induce vomiting under the guidance of professional doctors. If the injured is fully conscious: Rinse mouth with water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

Information for doctor:

No information available.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

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## 4.3 Indication of any immediate medical attention and special treatment needed

No information available.

## Section 5 – Firefighting measures

### 5.1 Extinguishing media

**Suitable extinguishing agents:** Use dry chemical, carbon dioxide, alcohol resistant foam or water spray.

**Unsuitable extinguishing agents:** No information available.

### 5.2 Special hazards arising from the substance or mixture

No information available.

### 5.3 Advice for firefighters

Fire-fighters should wear appropriate breathing apparatus and protective equipment. In order to avoid inhaling harmful smoke, it should operate from the windward side. Stop the leak before fire fighting. Isolate the substances which are not on fire. Keep containers cool by spraying with water. Person without special protective equipment should not enter. Prevent fire-fighting water from entering surface water or groundwater.

## Section 6 - Accidental Release Measures

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

Wear the appropriate personal protective equipment, and trained personnel responsible for clearing. Leakage region ventilation. Fight or remove all ignition sources. Do not breathe gas/fumes/dust/vapor.

### 6.2 Environmental precautions

Avoid release to the environment. Avoid discharge into drains, surface water or groundwater.

### 6.3 Methods and material for containment and cleaning up

Absorb with soil or sand which will not react with the leakage, or absorb with stable material, In case of large amount of spillage, contain a spill by bunding, And then clean up. Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

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See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## Section 7 - Handling and Storage

### 7.1 Handling

Use personal protective equipment as required. Do not get in eyes, on skin, or on clothing. Do not breath vapor or mist. Use this material with adequate ventilation. Contaminated work clothing should not be allowed out of the workplace. Keep away from heat, open flame, and hot surfaces . Do not eat, drink or smoke when using this product.

### 7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed and in a cool, well-ventilated area. Keep away from heat, open flame, and hot surfaces.

**7.3 Specific end use(s)** No information available.

## Section 8 - Exposure controls/personal protection

### 8.1 Control parameters

**Ingredients with limit values that require monitoring at the workplace :** No information available.

**DNELs** No information available.

**PNECs** No information available.

### 8.2 Exposure controls

**Appropriate engineering controls:** Provide local exhaust or process enclosure ventilation system.

**Respiratory protection:** Wear respiratory protection, Use self-contained respiratory protective device in emergency situations.

**Skin protection:** Wear protective gloves (Impervious gloves) .

**Eye and face protection:** Wear safety chemical goggles/face protection.

**Body protection:** Wear impervious clothing to prevent contact.

**Environmental exposure controls:** Avoid release to the environment. Avoid discharge into drains, surface water or groundwater.

**Other protection:** Follow the good industrial hygiene and safety norms, avoid unnecessary contact. Decontaminate skin, eyes and clothing. Equipment with safety shower and eye bath.

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## Section 9 - Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

Appearance:	Liquid
Colour:	Colorless or Yellowish
Odour:	Odorless
pH-value:	N/A
Melting point/Melting range:	N/A
Boiling point/Boiling range:	N/A
Flash point:	N/A
Flammability (solid, gaseous):	The product is not belong to flammable substances.
Self-igniting:	Product is not self-igniting.
Danger of explosion:	The product is not belong to explosive substances.
Vapour pressure:	N/A
Density:	approx.1.003g/cm <sup>3</sup>
Viscosity:	N/A
Solubility in/Miscibility with:	
Water:	N/A
Partition coefficient (n-octanol/water):	N/A
Other information:	

9.2 Additional information: No data available.

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## Section 10 - Stability and Reactivity

### 10.1 Reactivity

Stable under recommended storage and handling conditions.

### 10.2 Chemical stability

Stable under normal conditions of use, storage and transport.

### 10.3 Possibility of hazardous reactions

No dangerous reactions known.

### 10.4 Conditions to avoid

Incompatible materials, ignition sources, excess heat.

### 10.5 Incompatible materials

No information available.

### 10.6 Hazardous decomposition products

No information available.

## Section 11 - Toxicological Information

**Acute toxicity:** No information available.

**Skin corrosion/irritation:** H315 (Category 2) , Causes skin irritation.

**Serious eye damage/irritation:** H319 (Category 2) , Causes serious eye irritation.

**Respiratory or skin sensitization:** No information available.

**Toxicokinetics, metabolism and distribution:** No information available.

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):** No information available.

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## Section 12 - Ecological Information

### 12.1 Toxicity

**Acquatic toxicity:** Harmful to aquatic life with long lasting effects.

### 12.2 Persistence and degradability

No further relevant information available.

### 12.3 Bioaccumulative potential

No further relevant information available.

### 12.4 Mobility in soil

No further relevant information available.

### 12.5 Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable.

### 12.6 Other adverse effects

No information available.

## Section 13 - Disposal Considerations

### 13.1 Waste treatment methods

Dispose in accordance with all applicable regional and local laws and regulations, Avoid release to the environment.

## Section 14 - Transport Information

### 14.1 Land transport

- ADR/RID class: N/A
- UN-Number: N/A
- Packaging group: N/A
- Label: N/A
- Proper shipping name: N/A

### 14.2 Maritime transport

- IMDG Class: N/A
- UN Number: N/A
- Label: N/A
- Packaging group: N/A

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**Product Name:** Dodecenylsuccinic anhydride

· Proper shipping name:N/A

#### 14.3 Air transport

- ICAO/IATA Class:N/A
- UN/ID Number:N/A
- Label:N/A
- Packaging group:N/A
- Proper shipping name:N/A

#### 14.4 Environmental hazards:

No information available.

#### 14.5 Special precautions for user Warning

No information available.

#### 14.6 Transport/Additional information:

Packing intact. Loading should be safe. Strictly prohibited with other chemicals. Transport vehicles should be equipped with the appropriate variety and quantity of fire equipment, transportation to prevent exposure to the sun and rain. Away from fire and heat.

### Section 15 - Regulatory Information

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Regulation:

Authorisations: No information available.

Restrictions on use: No information available.

#### 15.2 Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

### Section 16 - Additional Information

References: N/A

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