

# Divinylbenzene

## SAFETY DATA SHEET

# SDS

Nanjing Sinfoo Technology Co., Ltd.

### Section 1 - Product and Company Identification

Product name	Divinylbenzene
Applicant name	Nanjing Sinfoo Technology Co., Ltd.
Application address	Room 309, building 2, No. 40, Jiangjun Avenue, Jiangning District, Nanjing, Jiangsu, China
Applicant emergency number	+86-025-85081493
Ergency phone number	008615380750425
Service hours	Monday to Friday, 9am-5pm (Standard time zone: UTC/GMT +8 hours).

### Section 2 –Hazards Identification

GHS hazard class	
Physical hazard(s)	Flammable liquids
Health hazard(s)	Acute toxicity, oral(Category 4),H302 Skin irritation(Category 2),H315 Serious eye damage(Category 1),H318 Skin sensitisation(Category 1),H317 Specific target organ toxicity, single exposure(Category 3), Respiratory system,H335 Chronic aquatic toxicity(Category 3),H412
Environmental hazard(s)	Hazardous to the aquatic environment, acute hazard Hazardous to the aquatic environment, long-term hazard
Pictogram	



<b>Signal</b>	Danger
<b>Hazard statement(s)</b>	<p>H227 Flammable liquid and vapour</p> <p>H302 May be harmful if swallowed</p> <p>H315 Causes skin irritation</p> <p>H318 Causes serious eye irritation</p> <p>H335 May cause respiratory irritation</p> <p>H412 Harmful to aquatic life with long lasting effects</p>
<b>Precautionary statements</b>	
<b>Prevention</b>	<p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <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 Infected work clothes may not be out of the work place.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/protective clothing/eye protection/face protection.</p>
<b>Response</b>	<p>P301+P312+P330 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.</p> <p>P30+P352 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].</p> <p>P304+P340+P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.</p> <p>P305+P351+P338 +P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately Call a POISON CENTER or doctor/physician</p> <p>P333+P313 If skin irritation occurs: Get medical advice/attention.</p> <p>P370-P378 IF ON FIRE: Use dry sand, dry powder or soluble foam extinguish.</p>
<b>Storage</b>	<p>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</p> <p>P403+P235 Store in a well-ventilated place. Keep cool.</p> <p>P405 Store locked up.</p>
<b>Disposal</b>	P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Sensitising components</b>	4-tert-Butylpyrocatechol May produce an allergic reaction.
<b>Other hazards</b>	None

### Section 3 – Composition/Information on Ingredients

Component	Concentration(%)	CAS No.	EC No.
Divinylbenzene	50-70	1321-74-0	215-325-5
Ethylvinylbenzene	30-44	28106-30-1	248-846-1
Diethylbenzene	<2	25340-17-4	246-874-9

## Section 4 – First Aid Measures

<b>General advice</b>	Consult a physician. Show this safety data sheet to the doctor in attendance.
<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>	Do NOT induce vomiting. 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 protective measures</b>	Use personal protective equipment. Ensure adequate ventilation. Avoid breathing vapors, mist or gas. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.
<b>Environmental protective measures</b>	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.
<b>Methods for taking in and cleaning up</b>	Pick up and arrange disposal. Keep in suitable, closed containers for disposal.

## Section 7 – Handling and Storage

<b>Handling</b>	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.
<b>Storage</b>	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. Recommended storage temperature 2-8°C Light sensitive.

## Section 8 – Exposure Controls/Personal Protection

<b>Engineering Controls</b>	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and safety practice. Wash hands before breaks and at the end of workday.
<b>Eye protection</b>	Wear chemical goggles.
<b>Skin protection</b>	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**

Protective work clothing.

**Respiratory protection**

Use a full-face supplied air respirator.

## Section 9 – Physical and Chemical Properties

**Appearance and properties:** Colorless transparent liquid

**Odor:** No data available

**Odor threshold:** No data available

**pH value:** No data available

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

**Initial boiling point and boiling range(°C):** 195

**Flash point(°C)(closed cup):** 62-closed cup

**Evaporation Rate:** No data available

**Flammability:** No data available

**Upper explosive limit%(V):** 6.5

**Lower explosive limit%(V):** 0.7

**Vapor pressure(MPa):** 1.2hPa at 30°C

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

**Relative density(g/cm³):** 0.912g/ml at 25°C

**Solubility:** No data available

**Octanol / water partition coefficient:** log Pow:3.732

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

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

**Kinematic viscosity (mm²/s):** No data available

## Section 10 – Stability and Reactivity

**Reactive**

No data available

**Chemical stability**

No data available

**Possibility of hazardous reactions**

No data available

**Avoid conditions**

Heat, flames and sparks.

**Incompatible materials**

Heavy metallic salt

**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 component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**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

**Additional Information:** To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

## Section 12 – Ecological Information

**Toxicity:**

No data available

**Persistence and degradability:** No data available

**Bioaccumulative potential:** No data available

**Mobility in soil:** No data available

**Other adverse effects:** Harmful to aquatic life with long lasting effects

### 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.

**Contaminated packaging:** According to the disposal of unused product.

### Section 14 - Transport Information

**UN number:** 3082

**UN proper shipping name:** Divinylbenzene

**Transportation primary hazard class:** 9

**Transportation secondary hazard class:** —

**Packing group:** III

### Section 15 - Regulatory Information

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

This Safety Data Sheet (SDS) was prepared according to UN GHS .

### Section 16 - Additional Information

**Other information:**

This Safety Data Sheet (SDS) is based on the present state of our knowledge. However, the information is provided without any warranty, express or implied, regarding its correctness and is only for users reference. Users should make their independent judgement of suitability of these information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.