

Divinylbenzene

SAFETY DATA SHEET


SDS

Jiangsu Evergreen New Material Technology Incorporated Company

Section 1 - Product and Company Identification

Product name	Divinylbenzene
Applicant name	Jiangsu Evergreen New Material Technology Incorporated Company
Application address	No.3, Qinglongshan Road, New District, Zhenjiang, Jiangsu, China
Applicant post code	212132
Applicant fax	+86-511-80865566
Applicant emergency number	+86-025-85477110
Applicant email	tangping.33@163.com
Manufacturer name	Jiangsu Evergreen New Material Technology Incorporated Company
Manufacturer address	No.3, Qinglongshan Road, New District, Zhenjiang, Jiangsu, China
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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	

Signal	Danger
Hazard statement(s)	H227 Flammable liquid and vapour H302 May be harmful if swallowed H315 Causes skin irritation H318 Causes serious eye irritation H335 May cause respiratory irritation H412 Harmful to aquatic life with long lasting effects
Precautionary statements	
Prevention	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P264 Wash thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P271 Use only outdoors or in a well-ventilated area. P272 Infected work clothes may not be out of the work place. P273 Avoid release to the environment. P280 Wear protective gloves/protective clothing/eye protection/face protection.
Response	P301+P312+P330 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P30+P352 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. 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. 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 P333+P313 If skin irritation occurs: Get medical advice/attention. P370-P378 IF ON FIRE: Use dry sand, dry powder or soluble foam extinguish.
Storage	P403+P233 Store in a well-ventilated place. Keep container tightly closed. P403+P235 Store in a well-ventilated place. Keep cool. P405 Store locked up.
Disposal	P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
Sensitizing components	4-tert-Butylpyrocatechol May produce an allergic reaction.
Other hazards	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

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.
After skin contact	Wash off with soap and plenty of water. Consult a physician.
After eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
After ingestion	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
After inhalation	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

Section 5 – Fire Fighting Measures

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

Section 6 – Accidental Release Measure

Personal protective measures	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.
Environmental protective measures	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.
Methods for taking in and cleaning up	Pick up and arrange disposal. Keep in suitable, closed containers for disposal.

Section 7 – Handling and Storage

Handling	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.
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. Recommended storage temperature 2-8°C Light sensitive.

Section 8 – Exposure Controls/Personal Protection

Engineering Controls	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.
Eye protection	Wear chemical goggles.
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

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.