



DSL Chemicals Co., Ltd.

1120, 409 – 459 Nanjing Road (E.), Shanghai 200001, China

TEL: (021) 6352 995

FAX: (8621) 6352 9922

URL: www.DSLChem.com

E-mail: info@DSLChem.com

MATERIAL SAFETY DATA SHEET

Version 4.0

Revision Date: Oct. 26, 2021



Section 1 - Product and Company Information

Product Name: Bis(vinylsulfonyl)methane

Product Number: C002136

Company: DSL Chemicals (Shanghai) Co., Ltd

1120, 409-459 Nanjing Road (E),

Shanghai 200001, China

Technical Phone: +86 21 6352 9955

Emergency Phone: +86 21 6352 9955

Fax: +86 21 6352 9922

Section 2 - Composition, Information on Ingredients

Substance Name

CAS #

Bis(vinylsulfonyl)methane

3278-22-6

Formula: C₅H₈O₄S₂

Molecular Weight: 196.254g/mol

Section 3 - Hazards Identification

Classification of the substance or mixture

PHYSICAL HAZARDS

Not classified

HEALTH HAZARDS

Skin corrosion/irritation

Category 2

Serious eye damage/eye irritation

Category 2A

Germ cell mutagenicity

Category 2

ENVIRONMENTAL HAZARDS

Not classified

Label elements

Pictograms or hazard symbols



Signal word

Warning

Hazard statements

Causes skin irritation

Causes serious eye irritation

Suspected of causing genetic defects

Precautionary statements

[Prevention]

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

[Response]	Wash hands and face thoroughly after handling. Wear protective gloves, protective clothing, face protection. IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice or attention. Take off contaminated clothing and wash it before reuse. IF IN EYES: 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 or attention. IF exposed or concerned: Get medical advice or attention.
[Storage]	Store locked up.
[Disposal]	Dispose of contents and container in accordance with local, regional, national regulations.

Section 4 - First Aid Measures

Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention.
Skin contact:	Remove/Take off immediately all contaminated clothing. Gently wash with plenty of soap and water. Get medical advice/attention.
Eye contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Get medical advice/attention.
Ingestion:	Get medical advice/attention. Rinse mouth.
Protection of first-aiders:	A rescuer should wear personal protective equipment, such as rubber gloves and air-tight goggles.

Section 5 - Fire Fighting Measures

Suitable extinguishing media:
Dry chemical, foam, water spray, carbon dioxide.

Specific hazards arising from the chemical:
Take care as it may decompose upon combustion or in high temperatures to generate poisonous fume.

Precautions for firefighters:
Fire-extinguishing work is done from the windward and the suitable fire-extinguishing method according to the surrounding situation is used.
Uninvolved persons should evacuate to a safe place. In case of fire in the surroundings:
Remove movable containers if safe to do so.
Special protective equipment for firefighters:
When extinguishing fire, be sure to wear personal protective equipment

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:
Use personal protective equipment. Keep people away from and upwind of spill/leak. Entry to non-involved personnel should be controlled around the leakage area by roping off, etc.

Environmental precautions:
Prevent product from entering drains.

Methods and materials for containment and cleaning up:
Sweep dust to collect it into an airtight container, taking care not to disperse it.
Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

Section 7 - Handling and Storage

Precautions for safe handling

Technical measures: Handling is performed in a well-ventilated place.
Wear suitable protective equipment. Prevent dispersion of dust.
Wash hands and face thoroughly after handling.
Use a closed system if possible. Use a local exhaust if dust or aerosol will be generated.

Advice on safe handling: Avoid all contact!

Conditions for safe storage, including any incompatibilities

Storage conditions: Keep container tightly closed. Store in a cool and dark place.
Store locked up.
Store away from incompatible materials such as oxidizing agents.

Packaging material: Comply with laws.

Section 8 - Exposure Controls, Personal Protection

Engineering controls: Install a closed system or local exhaust. Also install safety shower and eye bath.

Personal protective equipment

Respiratory protection: Dust respirator, self-contained breathing apparatus(SCBA), supplied air respirator, etc. Use respirators approved under appropriate government standards and follow local and national regulations.

Hand protection: Impervious gloves.

Eye protection: Safety goggles. A face-shield, if the situation requires.

Skin and body protection: Impervious protective clothing. Protective boots, if the situation requires.

Section 9 - Physical and Chemical Properties

Appearance	White crystalline powder
BP/BP Range	no data available
MP/MP Range	58~63 °C
Freezing Point	no data available
Vapor Pressure	no data available
Vapor Density	no data available
Saturated Vapor Conc.	no data available
SG/Density	no data available
Bulk Density	no data available
Odor Threshold	no data available
VOC Content	no data available
Water Content	no data available
Solvent Content	no data available
Evaporation Rate	no data available
Viscosity	no data available
Surface Tension	no data available
Partition Coefficient	no data available
Decomposition Temp.	no data available
Flash Point	no data available
Explosion Limits	no data available
Flammability	no data available
Autoignition Temp	no data available
Refractive Index	no data available
Optical Rotation	no data available
Miscellaneous Data	no data available
Solubility	Clear

Section 10 - Stability and Reactivity

Chemical stability:	Stable under proper conditions.
Possibility of hazardous reactions:	No special reactivity has been reported.
Incompatible materials:	Oxidizing agents
Hazardous decomposition products:	Carbon dioxide, Carbon monoxide, Sulfur oxides

Section 11 - Toxicological Information

Acute Toxicity:	No data available
Skin corrosion/irritation:	No data available
Serious eye damage/irritation:	No data available
Germ cell mutagenicity:	No data available
Carcinogenicity:	
IARC =	No data available
NTP =	No data available
Reproductive toxicity:	No data available

Section 12 - Ecological Information

Ecotoxicity:	
Fish:	No data available
Crustacea:	No data available
Algae:	No data available
Persistence / degradability:	No data available
Bioaccumulative potential(BCF):	No data available
Mobility in soil	
Log Pow:	No data available
Soil adsorption (Koc):	No data available
Henry's Law (PaM 3/mol):	No data available

Section 13 - Disposal Considerations

Recycle to process, if possible. Consult your local regional authorities. You may be able to dissolve or mix material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber system.

Observe all federal, state and local regulations when disposing of the substance.

Section 14 - Transport Information

IATA
Shipping Name: Toxic solid, organic, n. o. s.
Class of Division: 6.1
UN Number: UN2811
Packing Group III

Section 15 - Regulatory Information

Regulations on the Control over Safety of Dangerous Chemicals (State Council announces on January 26, 2002 and revised on February 16,2011): Safe use and production, the storage of a dangerous chemical, transport, loading and unloading were prescribed.

Section 16 - Additional Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability

of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.