

# SAFETY DATA SHEET

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### Identification of the substance or mixture

**Product code** D426  
**Product name** 2-(4-(dimethylamino)styryl)-N-ethylpyridinium iodide (DASPEI)

### Company/undertaking identification

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**24 hour Emergency Response for Hazardous Materials [or Dangerous Goods] Incident. Spill, Leak, Fire, Exposure, or Accident. Call CHEMTREC** Within the USA + Canada: 1-800-424-9300 and +1 703-527-3887  
Outside the USA + Canada: +1 703-741-5970

**Country specific Emergency Number (if available):**

CHEMTREC Israel (Tel Aviv)	+(972)-37630639 (Greeting Language: Hebrew)
CHEMTREC Malaysia	1-800-815-308 (Toll Free) (Greeting Language: Malay)
CHEMTREC Malaysia (Kuala Lumpur)	+(60)-327884561 (Greeting Language: Malay)
CHEMTREC Philippines	1-800-1-116-1020 (Toll Free) (Greeting Language: Tagalog)
CHEMTREC Philippines (Manila)	+(63) 632-395-3308 (Greeting Language: Tagalog)
CHEMTREC Saudi Arabia	+(966)-8111095861 (Greeting Language: Arabic and English)
CHEMTREC Singapore	800-101-2201 (Toll Free) (Greeting Language: English and Mandarin)
CHEMTREC Singapore	+(65)-31581349 (Greeting Language: English and Mandarin)
CHEMTREC Australia (Sydney)	+(61)-290372994 (Greeting Language: English)
CHEMTREC New Zealand (Auckland)	+(64)-98010034 (Greeting Language: English)
CHEMTREC South Africa	0-800-983-611 (Greeting Language: English)
CHEMTREC Vietnam (Hanoi)	+(84)-444581771 (welcome Language: Vietnamese)

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## SECTION 2: Hazards identification

**Australian SDS Statement** Classified as non-hazardous according to the criteria of Worksafe Australia.

### GHS - Classification

#### **Health hazards**

Not classified

#### **Physical hazards**

Not classified

#### **Environmental Hazards**

Not classified

### Label elements

#### **Signal word**

None

#### **Hazard pictograms**

None

#### **Hazard Statements**

Not Applicable

#### **Precautionary Statements**

#### **Prevention**

Not Applicable

#### **Response**

Not Applicable

#### **Storage**

Not Applicable

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**Disposal**

Not Applicable

**Other hazards**

Not applicable

**SECTION 3: Composition/information on ingredients**

The product contains no substances which at their given concentration, are considered to be hazardous to health.

**SECTION 4: First aid measures****Description of first aid measures**

<b>Skin contact</b>	Rinse with plenty of water. Immediate medical attention is not required.
<b>Eye contact</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
<b>INGESTION</b>	Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.
<b>Inhalation</b>	Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. Consult a physician if necessary.
<b>Notes to Physician</b>	Treat symptomatically.

**Most important symptoms and effects, both acute and delayed**

Not Applicable

**Indication of any immediate medical attention and special treatment needed**

None.

**SECTION 5: Firefighting measures****Extinguishing media**

**Suitable Extinguishing Media**  
**Unsuitable Extinguishing Media**

Water spray. Carbon dioxide (CO<sub>2</sub>). Foam. Dry chemical.  
No information available.

**Special hazards arising from the substance or mixture** Not known.

**Advice for fire-fighters** Standard procedure for chemical fires.

## SECTION 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Always wear recommended Personal Protective Equipment. Use personal protection equipment. See Section 8 for more detail.

### Environmental precautions

Avoid discharge into drains and waterways whenever possible.

### Methods and material for containment and cleaning up

Take up mechanically, placing in appropriate containers for disposal.

### Reference to other sections

See section 8 for more information.

## SECTION 7: Handling and storage

### Precautions for safe handling

Use personal protective equipment as required. Wear personal protective equipment.

### Conditions for safe storage, including any incompatibilities

Keep in a dry, cool and well-ventilated place. Keep in properly labelled containers.

### Specific end use(s)

For research use only.

## SECTION 8: Exposure controls/personal protection

### Control parameters

<b>Exposure Limits</b>	Contains no substances with occupational exposure limit values.
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<b>Engineering measures</b>	Ensure adequate ventilation, especially in confined areas
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### Exposure controls

#### Personal protective equipment

<b>Respiratory protection</b>	In case of insufficient ventilation wear respirators and components tested and approved under appropriate government standards.
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<b>Hand Protection</b>	Wear suitable gloves Glove material: Compatible chemical-resistant gloves.
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<b>Eye protection</b>	Tight sealing safety goggles
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<b>Skin and body protection</b>	Wear suitable protective clothing
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<b>Hygiene measures</b>	Handle in accordance with good industrial hygiene and safety practice
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#### Environmental exposure controls

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Avoid discharge into drains and waterways whenever possible.

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

<b>Appearance</b>	Solid	
<b>Odour</b>	no data available	
<b>pH</b>	Not Applicable	
<b>Melting point / melting range</b>	°C Mixture has not been tested	°F Mixture has not been tested
<b>Boiling point / boiling range</b>	°C Mixture has not been tested	°F Mixture has not been tested
<b>Flash point</b>	°C Mixture has not been tested	°F Mixture has not been tested
<b>Autoignition temperature</b>	°C Mixture has not been tested	°F Mixture has not been tested
<b>Decomposition temperature</b>	°C Mixture has not been tested	°F Mixture has not been tested
<b>Evaporation rate</b>	No data available	
<b>Flammability (solid, gas)</b>	No data available	
<b>Upper explosion limit</b>	Mixture has not been tested	
<b>Lower explosion limit</b>	Mixture has not been tested	
<b>Vapour Pressure</b>	Mixture has not been tested	
<b>Relative density</b>	Mixture has not been tested	
<b>Specific gravity</b>	No data available	
<b>Solubility</b>	no data available	
<b>Partition coefficient: n-octanol/water</b>	No data available	
<b>Explosive properties</b>	Mixture has not been tested	
<b>OTHER INFORMATION</b>	No data available	

## SECTION 10: Stability and reactivity

<b>Reactivity</b>	None known.
<b>Chemical stability</b>	Stable under normal conditions.
<b>Possibility of hazardous reactions</b>	Hazardous reaction has not been reported.
<b>Conditions to Avoid</b>	No information available.
<b>Incompatible Materials</b>	No dangerous reaction known under conditions of normal use.
<b>Hazardous decomposition products</b>	No data available.

## SECTION 11: Toxicological information

### Information on toxicological effects

To the best of our knowledge, the chemical, physical, biological, and toxicological properties of this product have not been thoroughly investigated.

### Principal Routes of Exposure Potential health effects

<b>Irritation</b>	No information available
<b>Corrosivity</b>	No information available
<b>Sensitisation</b>	No information available
<b>STOT - Single Exposure</b>	No information available
<b>STOT - Repeated Exposure</b>	No information available
<b>Carcinogenicity</b>	No information available
<b>Mutagenicity</b>	No information available
<b>Reproductive toxicity</b>	No information available
<b>Aspiration hazard</b>	No information available

## SECTION 12: Ecological information

### Toxicity

The environmental impact of this product has not been fully investigated.

**Persistence and degradability** No information available.

**Bioaccumulative potential** No information available.

### Results of PBT and vPvB assessment

No information available.

**Other adverse effects** No information available.

## SECTION 13: Disposal considerations

### Waste treatment methods

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in accordance with approved disposal technique. Disposal of this product, its solutions or of any by-products, shall comply with the requirements of all applicable local, regional or national/federal regulations.

## SECTION 14: Transport information

### IATA / ADR / DOT-US / IMDG

Not classified as dangerous in the meaning of transport regulations.

**UN Number** Not Applicable

**UN proper shipping name** Not Applicable

**Transport hazard class(es)** Not Applicable

**Packing group** Not Applicable

**Environmental Hazards** Not Applicable

**Special precautions for user** Not Applicable

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not Applicable.

## SECTION 15: Regulatory information

### International Inventories

No information available.

### Korea

No information available.

### Singapore

No information available

### Taiwan

No information available

### China

No information available

## SECTION 16: Other information

**Reason for revision** SDS sections updated.

**Revision number** 2

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13-Sep-2017

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**References**

- ECHA: <http://echa.europa.eu/>
- TOXNET: <http://toxnet.nlm.nih.gov/>
- eChemPortal: <http://www.echemportal.org/>
- LOLI database: <https://www.chemadvisor.com/loli-database>

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**End of Safety Data Sheet**