

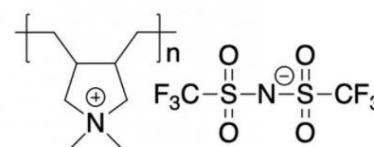


## SECTION 1

## Identification of the substance/mixture and of the company

<b>Product</b>	poly(DDA)TFSI
<b>Product #</b>	SOL3233
<b>Brand</b>	Solarischem
<b>CAS#</b>	521942-10-9
<b>Revision Date</b>	2021.09.30
<b>Company</b>	Solaris Chem Inc.
<b>Address</b>	3650 Cite-des-Jeunes, suite 101, Vaudreuil-Dorion, Qc, Canada, J7V 8P2
<b>Phone Number</b>	(514) 730-8653

## Structure



## SECTION 2

## Hazards identification

## Classification of the substance or mixture

Skin Irrit. 2 H315 Causes skin irritation.  
Eye Irrit. 2 H319 Causes serious eye irritation.  
STOT SE 3 H335 May cause respiratory irritation.

## Label elements

Pictogram	
Signal word	Warning
Hazard statements	H315: Causes skin irritation. H319: Causes serious eyes irritation H335: May cause respiratory irritation.
Precautionary statements	P261: Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray P280 Wear protective gloves/eye protection/face protection P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  P321 Specific treatment (see on this label). P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

## Notes

See section 11

## SECTION 3

### Composition/information on ingredients

<b>Substance</b>	Poly(diallyldimethylammonium bis(trifluoromethanesulfonyl)imide
<b>CAS#</b>	521942-10-9
<b>SARA 313 Chemical Formula</b>	No (C <sub>10</sub> H <sub>16</sub> F <sub>6</sub> N <sub>2</sub> O <sub>4</sub> S <sub>2</sub> ) <sub>n</sub>
<b>Molecular weight</b>	406.36 g/mol

## SECTION 4

### First aid measures

<b>Oral Exposures</b>	If swallowed, wash out mouth with water provided person is conscious. Call a physician.
<b>Inhalation</b>	If inhaled, move to fresh air. If breathing becomes difficult, call a physician.
<b>Skin exposure</b>	In case of contact, immediately wash skin with soap and copious amounts of water.
<b>Eye exposure</b>	In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

## SECTION 5

### Firefighting measures

<b>Special hazards</b>	No further relevant information available.
<b>Extinguishing Media</b>	Use fire extinguishing methods suitable to surrounding conditions.
<b>Firefighting</b>	Protective Equipment: Wear self-contained breathing apparatus if necessary Specific Hazard(s): Emits toxic fumes under fire conditions.

## SECTION 6

### Accidental release measures

<b>Personal Precaution</b>	Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.
<b>Cleaning up</b>	Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Venti- late area and wash spill site after material pickup is complete.
<b>Environment</b>	Do not let the product escape into the environment

## SECTION 7

### Handling and storage

<b>Handling</b>	Avoid dust inhalation
<b>Storage</b>	Keep tightly closed in a cool, well ventilated, dry place.
<b>Special Requirements</b>	No

## SECTION 8

### Exposures controls/personal protection

#### Safety Equipment

Contains no substances with occupational exposure limit values.

#### Personal Protective Equipment

Respiratory: Use respirators and components tested and approved under appropriate government standards (NIOSH (US) or CEN(EU)). Respiratory protection not required. The use of type N95 (US) or type P1 (EN 143) dust masks is recommended.

Hand: Use protective gloves. Eye: Appropriate safety

#### General Hygiene Measures

Wash thoroughly after handling with soap and water.

## SECTION 9

### Physical and chemical properties

**Color** White

**Appearance** Solid

**pH** N/A

**Boiling Point** N/A

**Melting Point** N/A

**Freezing Point** N/A

**Vapor Pressure** N/A

**Bulk Density** N/A

**Water Content** N/A

**Solvent Content** N/A

**Decomposition Temperature** N/A

**Flash Point** N/A

**Flammability** Not flammable

**Auto-ignition Temperature** N/A

**Solubility** N/A

**UV absorption** N/A

**Emission (fluorescence)** N/A

## SECTION 10

### Stability and reactivity

#### Stability

Stable, avoid strong oxidizing agents

#### Hazardous Decomposition Products

Carbon monoxide, Carbon dioxide.

#### Hazardous Polymerization

Will not occur



## SECTION 11

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### Toxicological information

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#### Route of Exposure

Skin Contact: May cause skin irritation. Skin Absorption: May be harmful if absorbed through the skin. Eye Contact: May cause eye irritation.

Inhalation: Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled. Ingestion: May be harmful if

#### Signs and Symptoms of Exposure

Skin coloration.

#### IARC

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.

#### ACGIH

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a potential carcinogen by ACGIH.

## SECTION 12

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### Ecological Information

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#### Ecological Information

Dispose the material accordingly (see section 13). No information available on the ecological effects.

## SECTION 13

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### Disposal considerations

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#### Method of Disposal

Observe all federal, state, and local environmental regulations.

## SECTION 14

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### Transport information

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#### DOT

Not dangerous good

#### IATA

Not dangerous good

#### IMDG

Not dangerous good

## SECTION 15

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### Regulatory information

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#### United States

SARA listed: No

#### Canada

WHMIS Classification: This product has been classified in accordance with the hazard criteria of the CPR, and the SDS contains all the information required by the CPR.

D2B, Toxic Material Causing Other Toxic Effects: Moderate respiratory irritant  
Moderate eye irritant

## SECTION 16

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### Other information

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#### Disclaimer

Even though the information provided above is believed to be correct and complete, it still maybe not all-inclusive and shall be used only as a guide.

The information provided reflects the present state of our knowledge on the product and the appropriate safety precautions that should be taken. No guarantee of the properties of the product is implied.

Solaris Chem Inc., shall not be held liable for any injuries or damage resulting from the use of the above product. This material should be used for R&D in an appropriate facility.