



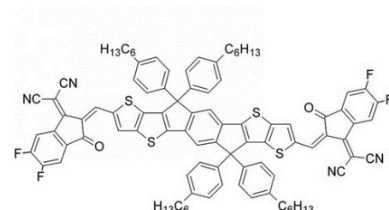
SOLARIS CHEM

## SECTION 1

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

<b>Product</b>	ITIC-F
<b>Product #</b>	<b>SOL6706</b>
<b>Brand</b>	Solaris Chem
<b>CAS#</b>	2097998-59-7
<b>Revision Date</b>	2021.02.09
<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

**WHMIS**  
Rating

D2B: Toxic material causing other toxic effects.  
Moderate skin and eye irritant.

**HMIS**  
Rating

Health: 1  
Flammability: 0  
Reactivity: 0

## Label elements

Not a hazardous substance or mixture according to  
Regulation (EC) No.1272/2008.

## Notes

See section 11

## SECTION 3

**Composition/information on ingredients****Substance**

3,9-bis(2-methylene-((3-(1,1-dicyanomethylene)-6,7-difluoro)-indanone))-5,5,11,11-tetrakis(4-hexylphenyl)-dithieno[2,3-d:2',3'-d']-s-indaceno[1,2-b:5,6-b']dithiophene, 4F-ITIC, ITIC-2F

**CAS#**

2097998-59-7

**SARA 313**

No

**Chemical Formula**

C<sub>94</sub>H<sub>78</sub>F<sub>4</sub>N<sub>4</sub>O<sub>2</sub>S<sub>4</sub>

## SECTION 4

**First aid measures****Oral Exposures**

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

**Inhalation**

If inhaled, move to fresh air. If breathing becomes difficult, call a physician.

**Skin exposure**

In case of contact, immediately wash skin with soap and copious amounts of water.

**Eye exposure**

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****Flash Point**

N/A

**Auto-ignition**

N/A

**Flammability**

N/A

**Extinguishing Media**

Water spray, alcohol-resistant foam, dry chemical or carbon dioxide

**Firefighting**

Protective Equipment: Wear self-contained breathing apparatus if necessary Specific Hazard(s): Emits toxic fumes under fire conditions.

## SECTION 6

**Accidental release measures****Personal Precaution**

Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

**Cleaning up**

Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

**Environment**

Do not let the product escape into the environment

## SECTION 7

**Handling and storage****Handling**

Avoid dust inhalation. Avoid contact with eyes, skin, and clothing. Avoid pro-longed or repeated exposure.protection.

**Storage**

Keep tightly closed in a cool, well ventilated, dry place.

**Special Requirements**

Store under inert gas. Oxygen sensitive. Light sensitive.

## SECTION 8

**Exposures  
controls/personal  
protection**


---

**Safety  
Equipment**

Safety shower and eye bath. Mechanical exhaust required.

**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: Anti-static protective gloves recommended.

Eye: Appropriate safety goggles.

**General Hygiene  
Measures**

Wash thoroughly after handling with soap and water.

## SECTION 9

**Physical and chemical  
properties**


---

**Color**

Dark blue

**Appearance**

Powder / crystals

**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**

N/A

**Auto-ignition  
Temperature**

N/A

**Solubility**

THF, toluene

**UV absorption**

N/A

**Emission  
(fluorescence)**

N/A

## SECTION 10

**Stability and reactivity**


---

**Stability**

Light and air sensitive. Avoid Strong oxidizing agents.

**Hazardous  
Decomposition  
Products**

Carbon monoxide, Carbon dioxide.

**Hazardous  
Polymerization**

Will not occur

## SECTION 11

**Toxicological information****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 swallowed.

**Signs and Symptoms of Exposure**

The chemical, physical, and toxicological properties have not been thoroughly investigated.

## SECTION 12

**Ecological Information****Ecological Information**

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

## SECTION 13

**Disposal considerations****Method of Disposal**

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

## SECTION 14

**Transport information****DOT**

Proper Shipping Name: None, This substance is considered to be non-hazardous for transport.

**IATA**

Not dangerous good

**IMDG**

Not dangerous good

## SECTION 15

---

### Regulatory information

---

#### United States

SARA listed: No

#### Canada

WHMIS Classification: Not WHMIS controlled. This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.

DSL: No

NDSL: No

D2B: Toxic Material Causing Other Toxic Effects. Moderate skin

## SECTION 16

---

### Other information

---

#### Disclaimer

Even though the information provided above is believed to be correct and complete, it still may not be 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.