



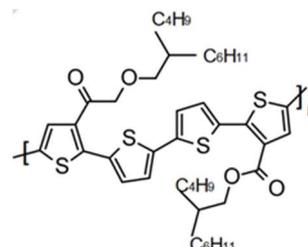
SOLARIS CHEM

SECTION 1

Identification of the substance/mixture and of the company

Product	PDCBT
Product #	SOL4160
Brand	Solaris
CAS#	1609536-17-5
Revision Date	2020.07.17
Company	Solaris Chem Inc.
Address	3650 Cite-des-Jeunes, suite 101, Vaudreuil-Dorion, Qc, Canada, J7V 8P2
Phone Number	(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

Potential Health Effects

 Inhalation May be harmful if inhaled. Causes respiratory tract irritation.
Skin May be harmful if absorbed through skin. May cause skin irritation.
Eyes May Cause eye irritation.
Ingestion May be harmful if swallowed.
Label

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

Notes

See section 11

SECTION 3

**Composition/information
on ingredients**
Substance

Poly[4,4'-bis[[[2-butyloctyl)oxy]carbonyl][2,2'-bithiophene]-5,5'-diyl]-alt-(2,2'-bithiophene-5,5'-diyl)]

CAS#

1609536-17-5

SARA 313

No

**Chemical
Formula**(C₄₂H₅₆O₄S₄)_n

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

Brownish red

Appearance

Fibers or powder

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

Toluene, THF, chloroform

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

Skin coloration. 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**

Not dangerous good

IATA

Not dangerous good

IMDG

Not dangerous good

SECTION 15

Regulatory information

United States

SARA listed: No

Canada

WHMIS Classification: 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 and eye irritant.

International

This safety datasheet complies with the regulation (EC)1907/2006

No data available for specific Safety, health and environmental regulations

SECTION 16

Other information

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.