

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

- Trade name TECNOFLON® FOR 539

**1.2 Relevant identified uses of the substance or mixture and uses advised against****Uses of the Substance / Mixture**

- Automotive industry
- Electrical industry
- Electronic industry
- For industrial use only

**1.3 Details of the supplier of the safety data sheet****Company**

SOLVAY SPECIALTY POLYMERS USA, LLC  
4500 McGINNIS FERRY ROAD  
30005-3914, ALPHARETTA  
USA  
Tel: +1-770-7728200  
Fax: +1-770-7728213  
Product Information:  
+1-800-2210553

**1.4 Emergency telephone**

FOR EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT, CONTACT CHEMTREC (24-Hour Number): 800-424-9300 within the United States and Canada, or 703-527-3887 for international collect calls.

**SECTION 2: Hazards identification**

Although OSHA has not adopted the environmental portion of the GHS regulations, this document may include information on environmental effects.

**2.1 Classification of the substance or mixture****HCS 2012 (29 CFR 1910.1200)**

- Not a hazardous product according to the OSHA Globally Harmonized System (GHS).

**2.2 Label elements****HCS 2012 (29 CFR 1910.1200)**

- Not a hazardous product according to the OSHA Globally Harmonized System (GHS).

**2.3 Other hazards which do not result in classification**

- H412: Harmful to aquatic life with long lasting effects.

**SECTION 3: Composition/information on ingredients****3.1 Substance**

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Version : 3.00 / US ( Z8 )  
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- Not applicable, this product is a mixture.

### 3.2 Mixture

#### Hazardous Ingredients and Impurities

Chemical name	Identification number CAS-No.	Concentration [%]
Mixture of 4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]diphenol (CAS: 1478-61-1) and ACCN 168719		< 2.5
Phenol, 4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]bis-	1478-61-1	< 0.5

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

#### Non Hazardous Ingredients and Impurities

Chemical name	Identification number CAS-No.	Concentration [%]
1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with 1,1-difluoroethene	9011-17-0	> 97

## SECTION 4: First aid measures

### 4.1 Description of first-aid measures

#### In case of inhalation

##### ***Exposure to decomposition products***

- Move to fresh air in case of accidental inhalation of fumes from overheating or combustion.
- Oxygen or artificial respiration if needed.
- Symptoms of poisoning may develop many hours after exposure.
- Keep under medical supervision for at least 48 hours.

#### In case of skin contact

- Cool skin rapidly with cold water after contact with hot polymer.

##### ***Exposure to decomposition products***

- Wash off with soap and water.
- Immediately apply calcium gluconate gel 2.5% and massage into the affected area using rubber gloves; continue to massage while repeatedly applying gel until 15 minutes after pain is relieved.
- Consult a physician.

#### In case of eye contact

##### ***Exposure to decomposition products***

- Rinse immediately with plenty of water, also under the eyelids.
- Remove contact lenses.

#### In case of ingestion

- Not applicable

### 4.2 Most important symptoms and effects, both acute and delayed

#### In case of inhalation

##### **Effects**

- The thermal decomposition vapors of fluorinated polymers may cause polymer fume fever with flu-like symptoms in humans, especially when smoking contaminated tobacco.

**Symptoms*****Exposure to decomposition products***

- Headache
- Shortness of breath
- Cough

**In case of skin contact****Effects**

- No adverse effects are normally expected.

**Symptoms*****Exposure to decomposition products***

- Irritation
- Redness
- Burn

**In case of eye contact****Effects**

- No adverse effects are normally expected.

**Symptoms*****Exposure to decomposition products***

- Irritation
- Redness
- Burn

**In case of ingestion****Effects**

- negligible

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

- no data available

**SECTION 5: Firefighting measures**

<b><u>Flash point</u></b>	The product is not flammable.
<b><u>Autoignition temperature</u></b>	Not applicable
<b><u>Flammability / Explosive limit</u></b>	No data available

**5.1 Extinguishing media****Suitable extinguishing media**

- Water
- powder
- Foam
- Dry chemical
- Carbon dioxide (CO<sub>2</sub>)

**Unsuitable extinguishing media**

- None.

## 5.2 Special hazards arising from the substance or mixture

### Specific hazards during fire fighting

- The product is not flammable.
- Not explosive
  
- Hazardous decomposition products formed under fire conditions.

### Hazardous combustion products:

- Gaseous hydrogen fluoride (HF).
- Fluorophosgene
- Fluorinated olefins
- Other hazardous decomposition products may be formed.

## 5.3 Advice for firefighters

### Special protective equipment for fire-fighters

- Wear self-contained breathing apparatus and protective suit.
- When intervention in close proximity wear acid resistant over suit.

### Further information

- Evacuate personnel to safe areas.
- Approach from upwind.
- Protect intervention team with a water spray as they approach the fire.
- Keep containers and surroundings cool with water spray.
- Keep product and empty container away from heat and sources of ignition.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

#### Advice for non-emergency personnel

- Prevent further leakage or spillage if safe to do so.

#### Advice for emergency responders

- Ensure adequate ventilation.
- Keep away from open flames, hot surfaces and sources of ignition.

### 6.2 Environmental precautions

- The product should not be allowed to enter drains, water courses or the soil.
- In case of accidental release or spill, immediately notify the appropriate authorities if required by Federal, State/Provincial and local laws and regulations.
  
- Should not be released into the environment.
- Do not flush into surface water or sanitary sewer system.

### 6.3 Methods and materials for containment and cleaning up

- Sweep up or vacuum up spillage and collect in suitable container for disposal.

### 6.4 Reference to other sections

- Refer to protective measures listed in sections 7 and 8.

**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

- Ensure adequate ventilation.
- Keep away from heat and sources of ignition.
- Use personal protective equipment.
- To avoid thermal decomposition, do not overheat.
- Take measures to prevent the build up of electrostatic charge.
- Clean and dry piping circuits and equipment before any operations.
- Ensure all equipment is electrically grounded before beginning transfer operations.

**Hygiene measures**

- Ensure that eyewash stations and safety showers are close to the workstation location.
- When using do not eat, drink or smoke.
- Wash hands before breaks and at the end of workday.
- Handle in accordance with good industrial hygiene and safety practice.

**7.2 Conditions for safe storage, including any incompatibilities****Technical measures/Storage conditions**

- Keep in properly labeled containers.
- Keep away from heat and sources of ignition.
- Keep away from combustible material.
- Keep away from incompatible products
- Provide tight electrical equipment well protected against corrosion.
- Refer to protective measures listed in sections 7 and 8.

**Packaging material****Suitable material**

- Carton + Polyethylene
- Plastic materials.

**7.3 Specific end use(s)**

- Contact your supplier for additional information

**SECTION 8: Exposure controls/personal protection**

Introductory Remarks: These recommendations provide general guidance for handling this product. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. Assistance with selection, use and maintenance of worker protection equipment is generally available from equipment manufacturers.

**8.1 Control parameters**

- Contains no substances with occupational exposure limit values.

***Threshold limit values of by-products from thermal decomposition:*****Components with workplace occupational exposure limits**

Components	Value type	Value	Basis
Hydrofluoric acid	TWA	3 ppm 2.5 mg/m <sup>3</sup>	National Institute for Occupational Safety and Health

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Hydrofluoric acid	C	6 ppm 5 mg/m <sup>3</sup>	National Institute for Occupational Safety and Health
		15 minute ceiling value	
Hydrofluoric acid	TWA	3 ppm	Occupational Safety and Health Administration - Table Z-2
		Z37.28-1969	
Hydrofluoric acid	TWA	0.5 ppm	American Conference of Governmental Industrial Hygienists
		Danger of cutaneous absorption Expressed as :Fluorine	
Hydrofluoric acid	C	2 ppm	American Conference of Governmental Industrial Hygienists
		Danger of cutaneous absorption Expressed as :Fluorine	
Hydrofluoric acid			Occupational Safety and Health Administration - Table Z-1 Limits for Air Contaminants
		See Table Z-2	Expressed as :Fluorine
Hydrofluoric acid	PEL	0.4 ppm 0.33 mg/m <sup>3</sup>	
		Skin	Expressed as :Fluorine
Hydrofluoric acid	STEL	1 ppm 0.83 mg/m <sup>3</sup>	
		Skin	Expressed as :Fluorine
Carbonic difluoride	TWA	2 ppm	American Conference of Governmental Industrial Hygienists
Carbonic difluoride	STEL	5 ppm	American Conference of Governmental Industrial Hygienists
Carbonic difluoride	TWA	2 ppm 5 mg/m <sup>3</sup>	National Institute for Occupational Safety and Health
Carbonic difluoride	ST	5 ppm 15 mg/m <sup>3</sup>	National Institute for Occupational Safety and Health
Carbonic difluoride	PEL	2 ppm 5 mg/m <sup>3</sup>	
Carbonic difluoride	STEL	5 ppm 15 mg/m <sup>3</sup>	

**Biological Exposure Indices**

Components	Value type	Value	Basis
Hydrofluoric acid	BEI	2 mg/l Fluoride Urine Prior to shift (16 hours after exposure ceases)	American Conference of Governmental Industrial Hygienists
Hydrofluoric acid	BEI	3 mg/l Fluoride Urine End of shift (As soon as possible after exposure ceases)	American Conference of Governmental Industrial Hygienists

**8.2 Exposure controls****Control measures****Engineering measures**

- Provide local ventilation appropriate to the product decomposition risk (see section 10).
- Refer to protective measures listed in sections 7 and 8.
- Apply technical measures to comply with the occupational exposure limits.

**Individual protection measures****Respiratory protection**

- When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
- Use respirator when performing operations involving potential exposure to vapor of the product.
- When respirators are required, select NIOSH/MSHA approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industrial recommendations.
- Comply with OSHA respiratory protection requirements.
- In case of decomposition (see section 10), use an air breathing apparatus with face mask.
- Use only respiratory protection that conforms to international/ national standards.
- For additional information, consult the current edition of The Guide to the Safe Handling of Fluoropolymers published by the Society of Plastics Industry, Inc. (SPI) Fluoropolymer Division.

**Hand protection**

- Wear protective gloves.
- Protective gloves - impervious chemical resistant:

**Suitable material**

- Nitrile rubber
- PVC
- Neoprene gloves
- butyl-rubber

- Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

**Eye protection**

- Safety glasses with side-shields
- In case of high-temperature processing
- Tightly fitting safety goggles

**Skin and body protection**

- Long sleeved clothing
- Safety shoes

**Hygiene measures**

- Ensure that eyewash stations and safety showers are close to the workstation location.
- When using do not eat, drink or smoke.
- Wash hands before breaks and at the end of workday.
- Handle in accordance with good industrial hygiene and safety practice.

**SECTION 9: Physical and chemical properties**

Physical and Chemical properties here represent typical properties of this product. Contact the business area using the Product information phone number in Section 1 for its exact specifications.

**9.1 Information on basic physical and chemical properties**

<b><u>Appearance</u></b>	<b><u>Form:</u></b> sheets
	<b><u>Physical state:</u></b> solid
	<b><u>Color:</u></b> off-white
<b><u>Odor</u></b>	odorless
<b><u>Odor Threshold</u></b>	Not applicable
<b><u>pH</u></b>	Not applicable
<b><u>Melting point/freezing point</u></b>	<b><u>Melting point/range:</u></b> Not applicable
<b><u>Initial boiling point and boiling range</u></b>	<b><u>Boiling point/boiling range:</u></b> Not applicable
<b><u>Flash point</u></b>	The product is not flammable.
<b><u>Evaporation rate (Butylacetate = 1)</u></b>	Not applicable
<b><u>Flammability (solid, gas)</u></b>	The product is not flammable.
<b><u>Flammability / Explosive limit</u></b>	No data available
<b><u>Autoignition temperature</u></b>	Not applicable
<b><u>Vapor pressure</u></b>	Not applicable
<b><u>Vapor density</u></b>	No data available
<b><u>Density</u></b>	1.79 - 1.83 g/cm <sup>3</sup>
<b><u>Relative density</u></b>	No data available
<b><u>Solubility</u></b>	<b><u>Water solubility:</u></b> insoluble
	<b><u>Solubility in other solvents:</u></b> Esters : soluble
	Ketones : soluble

<b><u>Partition coefficient: n-octanol/water</u></b>	No data available
<b><u>Decomposition temperature</u></b>	> 482 °F (> 250 °C)
<b><u>Viscosity</u></b>	No data available
<b><u>Explosive properties</u></b>	Not explosive
<b><u>Oxidizing properties</u></b>	Not considered as oxidizing.

## 9.2 Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

- No dangerous reaction known under conditions of normal use.

### 10.2 Chemical stability

- Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

- No dangerous reaction known under conditions of normal use.

### 10.4 Conditions to avoid

- To avoid thermal decomposition, do not overheat.
- Keep away from flames and sparks.

### 10.5 Incompatible materials

- Alkali metals (molten form)

### 10.6 Hazardous decomposition products

- Gaseous hydrogen fluoride (HF).
- Fluorophosgene
- Fluorinated olefins
- The release of other hazardous decomposition products is possible.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

<b>Acute oral toxicity</b>	Not classified as hazardous for acute oral toxicity according to GHS. According to the available data on the components According to the classification criteria for mixtures. Unpublished reports Published data
<b>Acute inhalation toxicity</b>	No data available
<b>Acute dermal toxicity</b>	No data available

<b>Acute toxicity (other routes of administration)</b>	No data available
<b><u>Skin corrosion/irritation</u></b>	Not classified as irritating to skin According to the available data on the components According to the classification criteria for mixtures. Unpublished reports Published data
<b><u>Serious eye damage/eye irritation</u></b>	Not classified as irritating to eyes According to the available data on the components According to the classification criteria for mixtures. Unpublished reports Published data
<b><u>Respiratory or skin sensitization</u></b>	Does not cause skin sensitization. According to the available data on the components According to the classification criteria for mixtures. Unpublished reports Published data
<b><u>Mutagenicity</u></b>	
<b>Genotoxicity in vitro</b>	Product is not considered to be genotoxic According to the available data on the components According to the classification criteria for mixtures. Unpublished reports Published data
<b>Genotoxicity in vivo</b>	No data available
<b><u>Carcinogenicity</u></b>	No data available
<b><u>Toxicity for reproduction and development</u></b>	
<b>Toxicity to reproduction / fertility</b>	The mixture is not considered hazardous as specific extraction experiments showed that components hazardous to health are not released from the polymeric matrix in quantities sufficient to exert adverse effects., Unpublished internal reports
<b>Developmental Toxicity/Teratogenicity</b>	The mixture is not considered hazardous as specific extraction experiments showed that components hazardous to health are not released from the polymeric matrix in quantities sufficient to exert adverse effects., Unpublished internal reports
<b><u>STOT</u></b>	
<b>STOT-single exposure</b>	The substance or mixture is not classified as specific target organ toxicant, single exposure according to GHS criteria. According to the classification criteria for mixtures., Unpublished reports, Published data
<b>STOT-repeated exposure</b>	The mixture is not considered hazardous as specific extraction experiments showed that components hazardous to health are not released from the polymeric matrix in quantities sufficient to exert adverse effects., Unpublished internal reports  The product itself has not been tested.

<b><u>Experience with human exposure</u></b>	No data available
<b><u>CMR effects</u></b>	
<b><u>Reproductive toxicity</u></b>	Weight of evidence does not support classification for reproductive toxicity
<b><u>Aspiration toxicity</u></b>	Not applicable
<b><u>Further information</u></b>	Description of possible hazardous to health effects is based on experience and/or toxicological characteristics of several ingredients.  Thermal decomposition can lead to release of toxic and corrosive gases. The exposure to decomposition products causes severe irritation of eyes, skin and mucous membranes.

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Aquatic Compartment

<b>Acute toxicity to fish</b>	The product itself has not been tested.
<b>Acute toxicity to daphnia and other aquatic invertebrates</b>	The product itself has not been tested.
<b>Toxicity to aquatic plants</b>	The product itself has not been tested.
<b>Toxicity to microorganisms</b>	The product itself has not been tested.
<b>Chronic toxicity to fish</b>	The product itself has not been tested.
<b>Chronic toxicity to daphnia and other aquatic invertebrates</b>	The product itself has not been tested.

#### M-Factor

Mixture of 4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]diphenol (CAS: 1478-61-1) and ACCN 168719 Phenol, 4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]bis-

Chronic aquatic toxicity = 1  
( according to the Globally Harmonized System (GHS) )  
  
Chronic aquatic toxicity = 1  
( according to the Globally Harmonized System (GHS) )

### 12.2 Persistence and degradability

#### Abiotic degradation

<b>Stability in water</b>	Conclusion is not possible for a mixture as a whole.
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#### Physical- and photo-chemical elimination

No data available

#### Biodegradation

<b>Biodegradability</b>	As (bio)degradability is not relevant for mixtures, all the components of the mixture were assessed individually (rapid degradability assessment available below).
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**Degradability assessment**

All or most of the components are considered to be not rapidly degradable in the environment  
 Unpublished reports  
 Published data

**12.3 Bioaccumulative potential****Partition coefficient: n-octanol/water**

Conclusion is not possible for a mixture as a whole.

**Bioconcentration factor (BCF)**

As bioaccumulation is not relevant for mixtures, all the components of the mixture were assessed individually.  
 Conclusion is not possible due to incomplete or heterogeneous data on the components  
 Unpublished reports  
 Published data

**12.4 Mobility in soil****Adsorption potential (Koc)**

Conclusion is not possible for a mixture as a whole.

**Known distribution to environmental compartments**

No data available

**12.5 Results of PBT and vPvB assessment**

This mixture contains no substance considered to be very persistent and very bioaccumulating (vPvB).  
 This mixture contains no substance considered to be persistent, bioaccumulating and toxic (PBT).

**12.6 Other adverse effects****Ecotoxicity assessment****Short-term (acute) aquatic hazard**

The mixture is not considered hazardous as analytical monitoring data obtained in release experiments showed that component (s) hazardous to the environment are not released from the polymeric matrix in quantities sufficient to exert acute adverse effects on aquatic life.  
 Expert judgment  
 Unpublished internal reports

**Long-term (chronic) aquatic hazard**

According to available data on components and analytical monitoring data obtained in release experiments.  
 Harmful to aquatic life with long lasting effects.  
 Expert judgment  
 Unpublished internal reports

**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Product Disposal**

- Do not dump into any sewers, on the ground, or into any body of water. All disposal methods must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations.
- Waste characterizations and compliance with applicable laws and regulations are the responsibility of the waste generator.
- Can be incinerated, when in compliance with local regulations.
- The incinerator must be equipped with a system for the neutralization or recovery of HF.

**Advice on cleaning and disposal of packaging**

- Empty containers can be landfilled, when in accordance with the local regulations.

**SECTION 14: Transport information****DOT**

not regulated

**TDG**

not regulated

**NOM**

not regulated

**IMDG**

not regulated

**IATA**

not regulated

Note: The above regulatory prescriptions are those valid on the date of publication of this sheet. Given the possible evolution of transportation regulations for hazardous materials, it would be advisable to check their validity with your sales office.

**SECTION 15: Regulatory information****15.1 Notification status**

<b>Inventory Information</b>	<b>Status</b>
United States TSCA Inventory	- Listed as active on the TSCA inventory.
Canadian Domestic Substances List (DSL)	- One or more components not listed on inventory
Canadian Non-Domestic Substances List (NDSL)	- One or more components not listed on inventory
Australia Inventory of Chemical Substances (AICS)	- One or more components not listed on inventory
Korea. Korean Existing Chemicals Inventory (KECI)	- This substance/mixture can only be imported by Solvay. Contact Solvay for further details.
China. Inventory of Existing Chemical Substances in China (IECSC)	- This substance/mixture can only be imported by Solvay. Contact Solvay for further details.
Japan. ISHL - Inventory of Chemical Substances	- Listed on Inventory
Japan. CSCL - Inventory of Existing and New Chemical Substances	- One or more components is/are in Small Quantity Exemption (SQE). - This exemption is valid only for manufacture or import by Solvay. Contact Solvay for further details.

Philippines Inventory of Chemicals and Chemical Substances (PICCS)	- One or more components not listed on inventory
New Zealand. Inventory of Chemical Substances	- One or more components not listed on inventory
Taiwan. Chemical Substance Inventory (TCSI)	- Listed on Inventory
EU. European Registration, Evaluation, Authorisation and Restriction of Chemical (REACH)	- If product is purchased from Solvay in Europe it is in compliance with REACH, if not please contact the supplier.

## 15.2 Federal Regulations

### US. EPA EPCRA SARA Title III

#### **Section 313 Toxic Chemicals (40 CFR 372.65)**

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

#### **Section 302 Emergency Planning Extremely Hazardous Substance Threshold Planning Quantity (40 CFR 355)**

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

#### **Section 302 Emergency Planning Extremely Hazardous Substance Reportable Quantity (40 CFR 355)**

This material does not contain any components with a SARA 302 RQ.

#### **Section 304 Emergency Release Notification Reportable Quantity (40 CFR 355)**

This material does not contain any components with a section 304 EHS RQ.

### US. EPA CERCLA Hazardous Substances and Reportable Quantities (40 CFR 302.4)

This material does not contain any components with a CERCLA RQ.

## 15.3 State Regulations

- no data available

## **SECTION 16: Other information**

### Further information

- Product evaluated under the US GHS format.
- This data sheet contains changes from the previous version in section(s):
- See section 2
- See section 3
- See section 11
- See section 12

**Date Prepared:** 01/20/2020

### Key or legend to abbreviations and acronyms used in the safety data sheet

- C Ceiling limit
- PEL Permissible exposure limit

- ST	STEL - 15-minute TWA exposure that should not be exceeded at any time during a workday
- STEL	Short term exposure limit
- TWA	8-hour, time-weighted average
- ACGIH	American Conference of Governmental Industrial Hygienists
- OSHA	Occupational Safety and Health Administration
- NTP	National Toxicology Program
- IARC	International Agency for Research on Cancer
- NIOSH	National Institute for Occupational Safety and Health
- ADR:	European Agreement on International Carriage of Dangerous Goods by Road.
- ADN:	European Agreement on the International Carriage of Dangerous Goods by Inland
Waterways.	
- RID:	European Agreement concerning the International Carriage of Dangerous Goods by Rail.
- IATA:	International Air Transport Association.
- ICAO-TI:	Technical Specification for Safe Transport of Dangerous Goods by Air.
- IMDG:	International Maritime Dangerous Goods.
- TWA:	Time weighted average
- ATE:	Estimated value of acute toxicity
- EC:	European Community number
- CAS:	Chemical Abstracts Service.
- LD50:	Substance that causes 50% (half) death in the test animals group (Median Fatal Dose).
- LC50:	Substance concentration causing 50% (half) death in the test animals group.
- EC50:	Effective Concentration of the substance causing the maximum of 50%.
- PBT:	Persistent, Bioaccumulative and Toxic substance.
- vPvB:	Very Persistent and Very Bioaccumulative.
- SEA:	Classification, labeling, packaging regulation
- DNEL:	Derived No Effect Level
- PNEC:	Predicted No Effect Concentration
- BHOT:	Specific Target Organ Toxicity

**Not all acronyms listed above are referenced in this SDS.**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. Such information is only given as a guidance to help the user handle, use, process, store, transport, dispose, and release the product in satisfactory safety conditions and is not to be considered as a warranty or quality specification. It should be used in conjunction with technical sheets but do not replace them. Thus, the information only relates to the designated specific product and may not be applicable if such product is used in combination with other materials or in any other manufacturing process, unless otherwise specifically indicated. It does not release the user from ensuring he is in conformity with all regulations linked to its activity.