

# Safety Data Sheet

## FoamStar® SI 2292 NC

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Version: 5.0

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(30587205/SDS\_GEN\_CA/EN)

### 1. Identification

#### Product identifier used on the label

## FoamStar® SI 2292 NC

#### Recommended use of the chemical and restriction on use

Recommended use\*: defoamer

Recommended use\*: defoamer

Unsuitable for use: Uses other than recommended

\* The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

#### Details of the supplier of the safety data sheet

##### Company:

BASF Canada Inc.  
5025 Creekbank Road  
Building A, Floor 2  
Mississauga, ON, L4W 0B6, CANADA

Telephone: +1 289 360-1300

#### Emergency telephone number

##### 24 Hour Emergency Response Information

CHEMTREC: 1-800-424-9300

BASF HOTLINE: (800) 454-COPE (2673)

#### Other means of identification

Chemical family: defoamer

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### 2. Hazards Identification

#### According to Hazardous Products Regulations (HPR) (SOR/2015-17)

##### Classification of the product

Flam. Liq.	4	Flammable liquids
Acute Tox.	4 (oral)	Acute toxicity

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Skin Corr./Irrit.	2	Skin corrosion/irritation
Eye Dam./Irrit.	2A	Serious eye damage/eye irritation

### Label elements

Pictogram:



Signal Word:  
Warning

Hazard Statement:

H227	Combustible liquid.
H319	Causes serious eye irritation.
H315	Causes skin irritation.
H302	Harmful if swallowed.

Precautionary Statements (Prevention):

P280	Wear protective gloves and eye protection or face protection.
P280	Wear eye protection.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P270	Do not eat, drink or smoke when using this product.
P264	Wash contaminated body parts thoroughly after handling.

Precautionary Statements (Response):

P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P301 + P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P330	Rinse mouth
P332 + P313	If skin irritation occurs: Get medical attention.
P337 + P313	If eye irritation persists: Get medical attention.
P362 + P364	Take off contaminated clothing and wash it before reuse.
P370 + P378	In case of fire: Use water spray, dry powder or foam for extinction.

Precautionary Statements (Storage):

P403	Store in a well-ventilated place.
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Precautionary Statements (Disposal):

P501	Dispose of contents/container in accordance with local regulations.
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### Hazards not otherwise classified

No specific dangers known, if the regulations/notes for storage and handling are considered.

Labeling of special preparations (GHS):

The following percentage of the mixture consists of component(s) with unknown hazards regarding the acute toxicity: 10 %

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### 3. Composition / Information on Ingredients

#### According to Hazardous Products Regulations (HPR) (SOR/2015-17)

2-butoxyethanol

CAS Number: 111-76-2

Content (W/W):  $\geq 75.0$  -  $\leq 100.0\%$

Synonym: 2-Butoxyethanol; Ethylene glycol monobutyl ether

Cyclotetrasiloxane, octamethyl-

CAS Number: 556-67-2

Content (W/W):  $> 0.0$  -  $< 0.025\%$

Synonym: Octamethylcyclotetrasiloxane

### 4. First-Aid Measures

#### Description of first aid measures

##### General advice:

Immediately remove contaminated clothing.

##### If inhaled:

If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air and seek medical attention.

##### If on skin:

Remove contaminated clothing. Wash affected areas thoroughly with soap and water. If irritation develops, seek medical attention.

##### If in eyes:

Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

Remove contact lenses, if present.

##### If swallowed:

Immediately rinse mouth and then drink 200 - 300 ml water, do not induce vomiting, seek medical attention. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.

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

Symptoms: Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11.

*Information on: 2-butoxyethanol*

*Symptoms: Overexposure may cause: skin irritation, irritation of respiratory tract, erythema, nausea, headache, vomiting, diarrhea, abdominal cramps, hemolysis, blood in urine, CNS depression*

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Hazards: No applicable information available.

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

#### Note to physician

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

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## 5. Fire-Fighting Measures

Suitable extinguishing media:  
water spray, dry powder, foam

Unsuitable extinguishing media for safety reasons:  
No data available.

### Special hazards arising from the substance or mixture

Hazards during fire-fighting:

harmful vapours

Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

### Advice for fire-fighters

Protective equipment for fire-fighting:

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

### Further information:

The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

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## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Use personal protective clothing. Breathing protection required.

### Environmental precautions

Do not discharge into drains/surface waters/groundwater.

### Methods and material for containment and cleaning up

For small amounts: Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder).

Dispose of absorbed material in accordance with regulations.

For large amounts: Pump off product.

Place absorbed material in the same container as the spilled substance/product for disposal.

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## 7. Handling and Storage

### Precautions for safe handling

Keep away from sources of ignition - No smoking. Use only in well-ventilated areas.

Protection against fire and explosion:

Take precautionary measures against static discharges.

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### Conditions for safe storage, including any incompatibilities

Further information on storage conditions: Keep container tightly closed and dry; store in a cool place.  
Protect from temperatures above: 40 °C

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## 8. Exposure Controls/Personal Protection

### Components with occupational exposure limits

2-butoxyethanol	ACGIH, US:	TWA value 20 ppm ;
	OSHA Z1:	PEL 50 ppm 240 mg/m <sup>3</sup> ;
	OSHA Z1:	Skin Designation ; The substance can be absorbed through the skin.

### **Advice on system design:**

Local exhaust ventilation preferred.

### **Personal protective equipment**

#### **Respiratory protection:**

Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator.

#### **Hand protection:**

Chemical resistant protective gloves

#### **Eye protection:**

Tightly fitting safety goggles (chemical goggles). Wear face shield if splashing hazard exists.

#### **Body protection:**

Impermeable protective clothing

#### **General safety and hygiene measures:**

Ensure adequate ventilation.

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## 9. Physical and Chemical Properties

Form:	liquid
Odour:	solvent-like
Odour threshold:	No applicable information available.
Colour:	light yellow
pH value:	not applicable
pour point:	< -40.0 °C
Freezing point:	No data available.
Melting point:	No data available.
boiling temperature:	approx. 170 °C

The statements are based on the properties of the individual components.

Sublimation point:	No applicable information available.
Flash point:	63 °C
Flammability:	Combustible Liquid

(DIN 51755)

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Lower explosion limit:	For liquids not relevant for classification and labelling. The lower explosion point may be 5 - 15 °C below the flash point.
Upper explosion limit:	For liquids not relevant for classification and labelling.
Autoignition:	not determined
Vapour pressure:	not determined
Density:	0.89 - 0.93 g/cm <sup>3</sup> (DIN 51757) ( 20 °C)
Relative density:	0.89 - 0.93 ( 20 °C)
Vapour density:	not determined
Partitioning coefficient n-octanol/water (log Pow):	not applicable for mixtures
Self-ignition temperature:	Keep away from heat, spark, and open flames.
Thermal decomposition:	No decomposition if stored and handled as prescribed/indicated.
Viscosity, dynamic:	5.0 - 15.0 mPa*s (DIN 53015) ( 20 °C)
Viscosity, kinematic:	No applicable information available.
Solubility in water:	emulsifiable
Solubility (quantitative):	No applicable information available.
Solubility (qualitative):	soluble solvent(s): organic solvents,
Molar mass:	No applicable information available.
Evaporation rate:	not determined

## 10. Stability and Reactivity

### Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Oxidizing properties:  
not fire-propagating

### Chemical stability

The product is chemically stable.

### Possibility of hazardous reactions

Reacts with oxidizing agents.

### Conditions to avoid

Avoid all sources of ignition: heat, sparks, open flame.

### Incompatible materials

None known during use and storage if used according to instructions.

### Hazardous decomposition products

Decomposition products:

No hazardous decomposition products if stored and handled as prescribed/indicated.

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Thermal decomposition:  
No decomposition if stored and handled as prescribed/indicated.

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## 11. Toxicological information

### Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

### Acute Toxicity/Effects

#### Acute toxicity

Assessment of acute toxicity: May be harmful if swallowed.

#### Oral

Type of value: LD50

Value: > 300 - 2,000 mg/kg

The product has not been tested. The statement has been derived from the properties of the individual components.

#### Inhalation

Type of value: LC50

Species: rat

Exposure time: 4 h

not determined

#### Dermal

Type of value: LD50

Species: rat

not determined

#### Assessment other acute effects

No data available.

#### Irritation / corrosion

Assessment of irritating effects: Irritating to eyes. Causes skin irritation. Substance can be absorbed through the skin in harmful amounts.

#### Skin

Species: rabbit

Result: Irritant.

The product has not been tested. The statement has been derived from the properties of the individual components.

#### Eye

Species: rabbit

Result: Irritant.

The product has not been tested. The statement has been derived from the properties of the individual components.

#### Sensitization

Assessment of sensitization: There is no evidence of a skin-sensitizing potential. The product has not been tested. The statement has been derived from the properties of the individual components.

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### Aspiration Hazard

No aspiration hazard expected.

### **Chronic Toxicity/Effects**

#### Repeated dose toxicity

Assessment of repeated dose toxicity: After repeated exposure the prominent effect is local irritation.

#### *Information on: 2-butoxyethanol*

*Assessment of repeated dose toxicity: Damages blood cells. Due to the species specific mode of action, the effects are not expected to occur in humans.*

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#### Genetic toxicity

Assessment of mutagenicity: Based on the ingredients, there is no suspicion of a mutagenic effect.

#### Carcinogenicity

Assessment of carcinogenicity: The whole of the information assessable provides no indication of a carcinogenic effect.

#### Reproductive toxicity

Assessment of reproduction toxicity: Based on the ingredients, there is no suspicion of a toxic effect on reproduction.

#### Teratogenicity

Assessment of teratogenicity: Based on the ingredients, there is no suspicion of a teratogenic effect.

#### Other Information

Skin resorption hazard. The product has not been tested. The statement has been derived from the properties of the individual components.

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## 12. Ecological Information

### **Toxicity**

#### Aquatic toxicity

Assessment of aquatic toxicity:

The product has not been tested. The statement has been derived from the properties of the individual components.

#### Toxicity to fish

LC50 (96 h) > 100 mg/l, Fish

The product has not been tested. The statement has been derived from the properties of the individual components.

#### Aquatic invertebrates

EC50 > 100 mg/l

The product has not been tested. The statement has been derived from the properties of the hydrolysis products.

#### Chronic toxicity to fish

No data available.



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### Chronic toxicity to aquatic invertebrates

No data available.

### **Microorganisms/Effect on activated sludge**

#### Toxicity to microorganisms

EC0: > 100 mg/l

The product has not been tested. The statement has been derived from the properties of the individual components.

### **Persistence and degradability**

#### Assessment biodegradation and elimination (H2O)

The organic component of the product is biodegradable.

### **Bioaccumulative potential**

#### Assessment bioaccumulation potential

The product has not been tested.

### **Mobility in soil**

#### Assessment transport between environmental compartments

No data available.

### **Additional information**

Add. remarks environm. fate & pathway:

Treatment in biological waste water treatment plants has to be performed according to local and administrative regulations.

Other ecotoxicological advice:

Do not discharge product into the environment without control.

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## 13. Disposal considerations

### **Waste disposal of substance:**

Must be disposed of or incinerated in accordance with local regulations.

### **Container disposal:**

Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

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## 14. Transport Information

### **Land transport**

TDG

Not classified as a dangerous good under transport regulations

### **Sea transport**

IMDG

Not classified as a dangerous good under transport regulations

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**Air transport**  
IATA/ICAO

Not classified as a dangerous good under transport regulations

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### 15. Regulatory Information

#### **Federal Regulations**

**Registration status:**

Chemical DSL, CA released / listed

**NFPA Hazard codes:**

Health: 2 Fire: 2 Reactivity: 0 Special:

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### 16. Other Information

**SDS Prepared by:**

BASF NA Product Regulations  
SDS Prepared on: 2023/01/20

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

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