

# Safety Data Sheet

## Joncryl® FLX 5000-A

Revision date : 2016/07/12  
Version: 3.0

Page: 1/8  
(30467418/SDS\_GEN\_CA/EN)

### 1. Identification

#### Product identifier used on the label

**Joncryl® FLX 5000-A**

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

Recommended use\*: for industrial use only  
Suitable for use in industrial sector: chemical industry

\* 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

CHEMTREC: 1-800-424-9300  
BASF HOTLINE: (800) 454-COPE (2673)

#### Other means of identification

Chemical family: Polymer

---

### 2. Hazards Identification

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

#### Classification of the product

No need for classification according to GHS criteria for this product.

#### Label elements

The product does not require a hazard warning label in accordance with GHS criteria.

# Safety Data Sheet

## Joncryl® FLX 5000-A

Revision date : 2016/07/12  
Version: 3.0

Page: 2/8  
(30467418/SDS\_GEN\_CA/EN)

### Hazards not otherwise classified

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

## 3. Composition / Information on Ingredients

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

<u>CAS Number</u>	<u>Weight %</u>	<u>Chemical name</u>
1336-21-6	< 0.1%	ammonia solution 30 wt% in water

## 4. First-Aid Measures

### Description of first aid measures

#### General advice:

Remove contaminated clothing.

#### If inhaled:

Keep patient calm, remove to fresh air, seek medical attention. Assist in breathing if necessary.

#### If on skin:

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

#### If in eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open. If irritation develops, seek medical attention.

#### If swallowed:

Rinse mouth and then drink plenty of water. Do not induce vomiting. Seek medical attention if necessary.

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

Symptoms: No significant reaction of the human body to the product known.

### 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.

## 5. Fire-Fighting Measures

### Extinguishing media

Suitable extinguishing media:  
water spray, dry powder, foam

### Special hazards arising from the substance or mixture

# Safety Data Sheet

## Joncryl® FLX 5000-A

Revision date : 2016/07/12  
Version: 3.0

Page: 3/8  
(30467418/SDS\_GEN\_CA/EN)

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:

Wear a self-contained breathing apparatus in confined areas or when exposed to combustion products.

### Further information:

Contaminated extinguishing water must be disposed of in accordance with official regulations.

---

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Use personal protective clothing.

### 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.

For residues: Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder). Dispose of absorbed material in accordance with regulations.

Spills should be contained, solidified, and placed in suitable containers for disposal.

---

## 7. Handling and Storage

### Precautions for safe handling

No special measures necessary provided product is used correctly.

Protection against fire and explosion:

No special precautions necessary.

### Conditions for safe storage, including any incompatibilities

Further information on storage conditions: Keep container tightly closed and in a cool place.

Protect from temperatures below: -2 °C

---

## 8. Exposure Controls/Personal Protection

### Components with occupational exposure limits

ammonia solution 30 wt% in water	OSHA PEL	PEL 50 ppm 35 mg/m <sup>3</sup> ; STEL value 35 ppm 27 mg/m <sup>3</sup> ;
	ACGIH TLV	TWA value 25 ppm ; STEL value 35 ppm ;

# Safety Data Sheet

## Joncryl® FLX 5000-A

Revision date : 2016/07/12  
Version: 3.0

Page: 4/8  
(30467418/SDS\_GEN\_CA/EN)

### Personal protective equipment

#### **Respiratory protection:**

Respiratory protection not required.

#### **Hand protection:**

Chemical resistant protective gloves

#### **Eye protection:**

Safety glasses with side-shields. Wear face shield if splashing hazard exists.

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

Handle in accordance with good industrial hygiene and safety practice. Due to the colouring properties of the product closed work clothes should be used, to avoid stains during manipulation. Eye wash fountains and safety showers must be easily accessible.

---

## 9. Physical and Chemical Properties

Form:	liquid	
Odour:	ammonia-like	
Odour threshold:	No applicable information available.	
Colour:	white	
pH value:	approx. 8.5 - 9.5 ( 25 °C)	(ASTM E70)
solidification temperature:	approx. 0 °C The product has not been tested., Information applies to the solvent.	
boiling temperature:	approx. 100 °C Information applies to the solvent.	
Flash point:	No flash point - Measurement made up to the boiling point.	
Flammability:	not flammable	
Autoignition:	No data available.	
Vapour pressure:	not applicable	
Density:	approx. 1.05 g/cm <sup>3</sup> ( 25 °C)	
Relative density:	approx. 1.05 ( 25 °C)	
Vapour density:	not determined	
Self-ignition temperature:	Based on the water content the product does not ignite.	
Thermal decomposition:	Stable up to boiling point.	
Viscosity, dynamic:	approx. 1,000 mPa.s ( 25 °C)	(DIN EN ISO 2555)
Solubility in water:	( 20 °C) dispersible	
Evaporation rate:	not determined	
Other Information:	No data available.	

---

## 10. Stability and Reactivity

### **Reactivity**

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

Oxidizing properties:  
not fire-propagating

# Safety Data Sheet

## Joncryl® FLX 5000-A

Revision date : 2016/07/12  
Version: 3.0

Page: 5/8  
(30467418/SDS\_GEN\_CA/EN)

### Chemical stability

The product is stable if stored and handled as prescribed/indicated.

### Possibility of hazardous reactions

No hazardous reactions when stored and handled according to instructions.  
The product is chemically stable.

### Conditions to avoid

Avoid freezing.

### Incompatible materials

No substances known that should be avoided.

### Hazardous decomposition products

Decomposition products:

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

Thermal decomposition:

Stable up to boiling point.

---

## 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

#### Oral

Type of value: LD50

Species: rat

Value: > 5,000 mg/kg

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

#### Inhalation

Type of value: LC50

Species: rat

Exposure time: 4 h

not determined

#### Dermal

Type of value: LD50

Species: rat

not determined

#### Irritation / corrosion

Assessment of irritating effects: Irritating to eyes. The product has not been tested. The statement has been derived from the properties of the individual components.

#### Skin

Species: rabbit

Result: non-irritant

# Safety Data Sheet

## Joncryl® FLX 5000-A

Revision date : 2016/07/12  
Version: 3.0

Page: 6/8  
(30467418/SDS\_GEN\_CA/EN)

Method: BASF-Test

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Sensitization

Guinea pig maximization test

Species: guinea pig

Result: Non-sensitizing.

Method: OECD Guideline 406

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

Aspiration Hazard

No aspiration hazard expected.

### Chronic Toxicity/Effects

Repeated dose toxicity

Assessment of repeated dose toxicity: Repeated oral uptake of the substance did not cause substance-related effects.

Repeated inhalative uptake of the substance did not cause substance-related effects.

Repeated dermal uptake of the substance did not cause substance-related effects.

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Genetic toxicity

Assessment of mutagenicity: No data was available concerning mutagenic activity.

Carcinogenicity

Assessment of carcinogenicity: No data available.

Reproductive toxicity

Assessment of reproduction toxicity: No data available.

Teratogenicity

Assessment of teratogenicity: No data available.

### Symptoms of Exposure

No significant reaction of the human body to the product known.

---

## 12. Ecological Information

### Toxicity

Aquatic toxicity

Assessment of aquatic toxicity:

At the present state of knowledge, no negative ecological effects are expected.

Toxicity to fish

LC50 (96 h) > 100 mg/l, *Leuciscus idus*

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Aquatic invertebrates

EC50 (48 h) > 100 mg/l, *Daphnia magna* (Screening (style of OECD 202), static)

# Safety Data Sheet

## Joncryl® FLX 5000-A

Revision date : 2016/07/12  
Version: 3.0

Page: 7/8  
(30467418/SDS\_GEN\_CA/EN)

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

### Aquatic plants

EC50 (72 h), algae  
No data available.

### Chronic toxicity to fish

No data available regarding toxicity to fish.

### Chronic toxicity to aquatic invertebrates

No data available regarding toxicity to daphnids.

## Microorganisms/Effect on activated sludge

### Toxicity to microorganisms

The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.

## Persistence and degradability

### Assessment biodegradation and elimination (H<sub>2</sub>O)

The polymer component of the product is poorly biodegradable.

## Bioaccumulative potential

### Bioaccumulation potential

At the present state of knowledge, no negative ecological effects are expected.

---

## 13. Disposal considerations

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

Dispose of in accordance with national, state and local regulations.

### **Container disposal:**

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

---

## 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

### **Air transport**

IATA/ICAO

Not classified as a dangerous good under transport regulations

# Safety Data Sheet

## Joncryl® FLX 5000-A

Revision date : 2016/07/12  
Version: 3.0

Page: 8/8  
(30467418/SDS\_GEN\_CA/EN)

---

### 15. Regulatory Information

#### Federal Regulations

##### **Registration status:**

Chemical                      DSL, CA      released / listed

---

### 16. Other Information

#### **SDS Prepared by:**

BASF NA Product Regulations

SDS Prepared on: 2016/07/12

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.

---

Joncryl® FLX 5000-A is a registered trademark of BASF Canada or BASF SE  
END OF DATA SHEET