

Safety Data Sheet

Joncryl® FLX 5026-A

Revision date : 2022/11/02

Version: 5.0

Page: 1/10

(30617958/SDS_GEN_CA/EN)

1. Identification

Product identifier used on the label

Joncryl® FLX 5026-A

Recommended use of the chemical and restriction on use

Recommended use*: Binder

Recommended use*: resin; for industrial use only

Unsuitable for use: None known

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

24 Hour Emergency Response Information

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

Skin Sens.

1

Skin sensitization

Safety Data Sheet

Joncryl® FLX 5026-A

Revision date: 2022/11/02
Version: 5.0

Page: 2/10
(30617958/SDS_GEN_CA/EN)

Label elements

Pictogram:



Signal Word:
Warning

Hazard Statement:
H317 May cause an allergic skin reaction.

Precautionary Statements (Prevention):
P280 Wear protective gloves.
P261 Avoid breathing mist or vapour or spray.
P272 Contaminated work clothing should not be allowed out of the workplace.

Precautionary Statements (Response):
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P333 + P313 If skin irritation or rash occurs: Get medical attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.

Precautionary Statements (Disposal):
P501 Dispose of contents and container to hazardous or special waste collection point.

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)

2-Methyl-4-Isothiazolin-3-one
CAS Number: 2682-20-4
Content (W/W): ≥ 0.0025 - $< 0.005\%$
Synonym: 2-Methyl-4-isothiazolin-3-one; 2-Methyl-2H-isothiazol-3-one

Organic Acid Azide
CAS Number: Trade Secret
Synonym: No data available.

The actual concentration is withheld as a trade secret.

HMIRA Registry:

HMIRA Registry number: 03400266
Date of Filing: 2021/01/25
Date of Decision: 2022/10/25

Granted.

Safety Data Sheet

Joncryl® FLX 5026-A

Revision date: 2022/11/02
Version: 5.0

Page: 3/10
(30617958/SDS_GEN_CA/EN)

<u>CAS Number</u>	<u>Weight %</u>	<u>Chemical name</u>
Trade Secret		Organic Acid Azide

4. First-Aid Measures

Description of first aid measures

General advice:

Immediately remove contaminated clothing.

If inhaled:

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

If on skin:

Wash affected areas thoroughly with soap and water. 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 200-300 ml of water. Do not induce vomiting. Seek medical attention.

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.

allergic symptoms, allergic contact dermatitis

Hazards: No applicable information available.

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

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

Safety Data Sheet

Joncryl® FLX 5026-A

Revision date: 2022/11/02
Version: 5.0

Page: 4/10
(30617958/SDS_GEN_CA/EN)

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:

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

Segregate from foods and animal feeds.

Suitable materials for containers: High density polyethylene (HDPE), Low density polyethylene (LDPE), Polypropylene (PP)

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

Protect from temperatures below: 0 °C

The product can separate / form phases below the limit temperature (reversible).

Protect from temperatures above: 100 °C

To protect product quality, maintain indicated limit temperature.

8. Exposure Controls/Personal Protection

No substance specific occupational exposure limits known.

Safety Data Sheet

Joncryl® FLX 5026-A

Revision date: 2022/11/02
Version: 5.0

Page: 5/10
(30617958/SDS_GEN_CA/EN)

Advice on system design:

Ensure adequate ventilation.

Personal protective equipment

Respiratory protection:

Wear respiratory protection if ventilation is inadequate.

Hand protection:

Chemical resistant protective gloves

Eye protection:

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

Body protection:

No applicable information available.

General safety and hygiene measures:

Handle in accordance with good industrial hygiene and safety practice.

9. Physical and Chemical Properties

Form:	liquid
Odour:	mild, acrylic-like
Odour threshold:	No applicable information available.
Colour:	milky white
pH value:	approx. 7.8 - 8.8 (25 °C)
Freezing point:	0 °C Information applies to the solvent.
Melting point:	No applicable information available.
Boiling point:	> 93 °C Information applies to the solvent.
Sublimation point:	No applicable information available.
Flash point:	No flash point - Measurement made up to the boiling point.
Flammability:	not flammable
Lower explosion limit:	For liquids not relevant for classification and labelling.
Upper explosion limit:	For liquids not relevant for classification and labelling.
Autoignition:	Based on the water content the product does not ignite.
SADT:	> 75 °C
Vapour pressure:	23.4 hPa (20 °C) Information applies to the solvent.
Density:	approx. 1.03 g/cm ³ (20 °C)
Vapour density:	not determined
Partitioning coefficient n- octanol/water (log Pow):	Study scientifically not justified.
Self-ignition temperature:	not self-igniting

Safety Data Sheet

Joncryl® FLX 5026-A

Revision date: 2022/11/02
Version: 5.0

Page: 6/10
(30617958/SDS_GEN_CA/EN)

Thermal decomposition:	Stable up to boiling point.	
Viscosity, dynamic:	approx. 50 - 500 mPa.s (25 °C)	(DIN EN ISO 2555)
Viscosity, kinematic:	No applicable information available.	
Solubility in water:	(20 °C) dispersible	
Miscibility with water:	forms colloidal solution	
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.

Peroxides: The product does not contain peroxides. The product/the substance has not a tendency towards the formation of peroxide.

Possibility of hazardous reactions

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

Conditions to avoid

None if used for intended purpose.

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.

Safety Data Sheet

Joncryl® FLX 5026-A

Revision date: 2022/11/02
Version: 5.0

Page: 7/10
(30617958/SDS_GEN_CA/EN)

Acute Toxicity/Effects

Acute toxicity

Assessment of acute toxicity: No applicable information available.

Oral

Type of value: LD50

Species: rat

Value: > 5,000 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

Based on available data, the classification criteria are not met.

Skin

Species: rabbit

Result: non-irritant

Method: BASF-Test

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

Eye

Species: rabbit

Result: non-irritant

Method: BASF-Test

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

Sensitization

Assessment of sensitization: May cause allergic skin reaction.

Guinea pig maximization test

Species: guinea pig

Result: 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

Safety Data Sheet

Joncryl® FLX 5026-A

Revision date: 2022/11/02
Version: 5.0

Page: 8/10
(30617958/SDS_GEN_CA/EN)

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 the properties of the individual components.

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.

None of the components in this product at concentrations greater than 0.1% are listed by IARC; NTP, OSHA or ACGIH as a carcinogen.

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

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

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)

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

Safety Data Sheet

Joncryl® FLX 5026-A

Revision date: 2022/11/02
Version: 5.0

Page: 9/10
(30617958/SDS_GEN_CA/EN)

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 (H₂O)

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.

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:

According to experience, the material has no harmful effect on the environment.

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 5026-A

Revision date: 2022/11/02
Version: 5.0

Page: 10/10
(30617958/SDS_GEN_CA/EN)

15. Regulatory Information

Federal Regulations

Registration status:

Chemical DSL, CA released; restriction on quantity / not listed

NFPA Hazard codes:

Health: 1 Fire: 0 Reactivity: 0 Special:

16. Other Information

SDS Prepared by:

BASF NA Product Regulations
SDS Prepared on: 2022/11/02

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 5026-A is a registered trademark of BASF Canada or BASF SE
END OF DATA SHEET