

Safety Data Sheet

Joncryl® FLX 5000-A

Revision date : 2018/10/19
Version: 3.0

Page: 1/9
(30467418/SDS_GEN_MX/EN)

1. Identification

Product identifier used on the label

Joncryl® FLX 5000-A

Recommended use of the chemical and restriction on use

Recommended use*: polymers for inks, varnishes or coatings
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:
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Emergency telephone number

SETIQ: 1800-00-214-(Rep. Mexicana) or 55-59-15-88 (CDMX)
Telephone: +1-800-849-5204 or +1-833-229-1000

Other means of identification

Chemical family: Polymer

2. Hazards Identification

According to Regulation NOM-018-STPS-2015

Classification of the product

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

Label elements

Safety Data Sheet

Joncryl® FLX 5000-A

Revision date : 2018/10/19
Version: 3.0

Page: 2/9
(30467418/SDS_GEN_MX/EN)

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

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 Regulation NOM-018-STPS-2015

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

The amount of neutralizer reported in Section 3 is calculated to be the excess neutralizer after creation of the polymer salt.

The product contains:

<u>CAS Number</u>	<u>Weight %</u>	<u>Chemical name</u>
7732-18-5	> 45.0 - < 55.0%	Water
	> 40.0 - < 50.0%	Ammonium salt of modified acrylic copolymers

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 200-300 ml 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

Safety Data Sheet

Joncryl® FLX 5000-A

Revision date : 2018/10/19
Version: 3.0

Page: 3/9
(30467418/SDS_GEN_MX/EN)

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

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

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

Safety Data Sheet

Joncryl® FLX 5000-A

Revision date : 2018/10/19
Version: 3.0

Page: 4/9
(30467418/SDS_GEN_MX/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:

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	
Lower explosion limit:	For liquids not relevant for classification and labelling.	
Upper explosion limit:	For liquids not relevant for classification and labelling.	
Autoignition:	No data available.	
Vapour pressure:	not applicable	
Density:	approx. 1.05 g/cm ³ (25 °C)	
Relative density:	approx. 1.05 (25 °C)	
Vapour density:	not determined	
Self-ignition temperature:	not self-igniting	
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	
Solubility (qualitative):	soluble solvent(s): organic solvents,	
Evaporation rate:	not determined	
Other Information:	No data available.	

10. Stability and Reactivity

Reactivity

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

Safety Data Sheet

Joncryl® FLX 5000-A

Revision date : 2018/10/19
Version: 3.0

Page: 5/9
(30467418/SDS_GEN_MX/EN)

Oxidizing properties:
not fire-propagating

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: Not irritating to eyes and skin. The product has not been tested. The statement has been derived from the properties of the individual components.

Safety Data Sheet

Joncryl® FLX 5000-A

Revision date : 2018/10/19
Version: 3.0

Page: 6/9
(30467418/SDS_GEN_MX/EN)

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

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: 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.

Symptoms of Exposure

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

12. Ecological Information

Safety Data Sheet

Joncryl® FLX 5000-A

Revision date : 2018/10/19
Version: 3.0

Page: 7/9
(30467418/SDS_GEN_MX/EN)

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

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.

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

Safety Data Sheet

Joncryl® FLX 5000-A

Revision date : 2018/10/19
Version: 3.0

Page: 8/9
(30467418/SDS_GEN_MX/EN)

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

15. Regulatory Information

Federal Regulations

Not applicable

NFPA Hazard codes:

Health: 1 Fire: 0 Reactivity: 0 Special:

16. Other Information

SDS Prepared by:

BASF NA Product Regulations
SDS Prepared on: 2018/10/19

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This information is considered accurate but is not exhaustive and shall only be used as a guideline based on current knowledge of the chemical substance or mixture. Safety precautions suitable for the product must be applied.

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Safety Data Sheet

Joncryl® FLX 5000-A

Revision date : 2018/10/19
Version: 3.0

Page: 9/9
(30467418/SDS_GEN_MX/EN)

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