

# Safety Data Sheet

## Joncryl® 901

Revision date : 2021/04/06

Version: 1.0

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(30282587/SDS\_GEN\_MX/EN)

### 1. Identification

#### Product identifier used on the label

## Joncryl® 901

#### 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 Mexicana S.A. de C.V.  
Av. Insurgentes Sur 975  
Col. CD. De Los Deportes,  
C.P. 03710 Ciudad de México  
MÉXICO

Telephone: +52 55 5325 2600

#### Emergency telephone number

##### 24 Hour Emergency Response Information

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: acrylic copolymer

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### 2. Hazards Identification

#### According to Regulation NOM-018-STPS-2015

#### Classification of the product

Flam. Liq.  
STOT SE3  
3 (Vapours may cause  
drowsiness and  
dizziness.)Flammable liquids  
Specific target organ toxicity — single exposure

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### Label elements

Pictogram:



Signal Word:

Warning

Hazard Statement:

H226

Flammable liquid and vapour.

H336

May cause drowsiness or dizziness.

Precautionary Statements (Prevention):

P271

Use only outdoors or in a well-ventilated area.

P210

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P280

Wear protective gloves and eye protection or face protection.

P261

Avoid breathing mist or vapour or spray.

P243

Take action to prevent static discharges.

P241

Use explosion-proof electrical, ventilating and lighting equipment.

P240

Ground and bond container and receiving equipment.

P242

Use only non-sparking tools.

Precautionary Statements (Response):

P312

Call a POISON CENTER or physician if you feel unwell.

P304 + P340

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P303 + P361 + P353

IF ON SKIN (or hair): Remove or Take off immediately all contaminated clothing. Rinse skin with water or shower.

P370 + P378

In case of fire: Use foam or dry powder for extinction.

Precautionary Statements (Storage):

P233

Keep container tightly closed.

P403 + P235

Store in a well-ventilated place. Keep cool.

P405

Store locked up.

Precautionary Statements (Disposal):

P501

Dispose of contents/container in accordance with local regulations.

### 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

2-heptanone

CAS Number: 110-43-0

Content (W/W):  $\geq 20.0$  -  $< 25.0\%$

Synonym: 2-Heptanone; Methyl n-amyl ketone

Methyl methacrylate

CAS Number: 80-62-6

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Content (W/W):  $\geq 0.2 - < 0.3\%$

Synonym: Methyl methacrylate

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### 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:

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:

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-heptanone*

*Symptoms: Overexposure may cause:, headache, dizziness, nausea, unconsciousness*

*Information on: Methyl methacrylate*

*Symptoms: Overexposure may cause:, asthma, tiredness, loss of memory, pain in the extremities, sleep disturbances, headache*

#### 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

#### Extinguishing media

Suitable extinguishing media:  
dry powder, foam

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### 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:

Wear a self-contained breathing apparatus.

### 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.

Can release flammable vapours. Wind direction should be noted. Avoid all sources of ignition: heat, sparks, open flame. Use antistatic tools.

### Environmental precautions

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

### Methods and material for containment and cleaning up

For large amounts: Pump off product.

For residues: Pick up with suitable absorbent material. Dispose of absorbed material in accordance with regulations.

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## 7. Handling and Storage

### Precautions for safe handling

Ensure thorough ventilation of stores and work areas.

Protection against fire and explosion:

Sources of ignition should be kept well clear. Take precautionary measures against static discharges. If delivered in plastic packing, highest permissible emptying temperature is 5 Kelvin below the flash point.

### Conditions for safe storage, including any incompatibilities

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

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## 8. Exposure Controls/Personal Protection

### Components with occupational exposure limits

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Methyl methacrylate	OEL, MX:	TWA value 50 ppm ;
	OEL, MX:	STEL value 100 ppm ;
2-heptanone	OEL, MX:	TWA value 50 ppm ;
methyl amyl ketones	OEL, MX:	TWA value 50 ppm ;

### Advice on system design:

Provide local exhaust ventilation to control vapours/mists.

### Personal protective equipment

#### Respiratory protection:

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

#### 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.

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## 9. Physical and Chemical Properties

Form:	liquid	
Odour:	acrylic-like	
Odour threshold:	No data available.	
Colour:	yellowish	
pH value:	of low solubility	
Freezing point:	-35 °C	
	Information applies to the solvent.	
Melting point:	No data available.	
Boiling point:	151 °C	
	Information applies to the solvent.	
Flash point:	42.0 °C	(ASTM D93)
Flammability:	Flammable.	
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:	393 °C	
	Information applies to the solvent.	
Vapour pressure:	3.86 mmHg ( 25 °C)	
	Information applies to the solvent.	
Density:	1.07 g/cm <sup>3</sup> ( 20 °C)	
Relative density:	1.07 ( 20 °C)	
Vapour density:	not determined	

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Partitioning coefficient n-octanol/water (log Pow):	Study scientifically not justified.
Self-ignition temperature:	not self-igniting
Thermal decomposition:	Stable up to boiling point.
Viscosity, dynamic:	No data available.
Viscosity, kinematic:	No data available.
Solubility in water:	slightly soluble
Molar mass:	No data available.
Evaporation rate:	not determined

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## 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

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

### Conditions to avoid

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

### Incompatible materials

oxidizing agents

### 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.

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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: Not expected to be acutely toxic.

#### Oral

Type of value: LD50

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Species: rat

Value: > 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

Assessment of STOT single:

Possible narcotic effects (drowsiness or dizziness).

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

### Irritation / corrosion

Assessment of irritating effects: Not irritating to eyes and skin.

### Skin

Species: rabbit

Result: non-irritant

Method: BASF-Test

Test conducted with a similar formulation.

### Eye

Species: rabbit

Result: non-irritant

Method: BASF-Test

Test conducted with a similar formulation.

### Sensitization

Assessment of sensitization: Not expected to cause skin 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

Experimental/calculated data: not determined

### Genetic toxicity

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

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### 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.

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## 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

No data available.

#### Chronic toxicity to aquatic invertebrates

No data available regarding toxicity to daphnids.

### **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.

### **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.



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### 13. Disposal considerations

**Waste disposal of substance:**

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

**Container disposal:**

Uncontaminated packaging can be re-used. Packs that cannot be cleaned should be disposed of in the same manner as the contents.

WARNING: Empty containers may still contain hazardous residue.

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### 14. Transport Information

**Land transport**

TDG

Hazard class: 3  
Packing group: III  
ID number: UN 1866  
Hazard label: 3  
Proper shipping name: RESIN SOLUTION

**Sea transport**

IMDG

Hazard class: 3  
Packing group: III  
ID number: UN 1866  
Hazard label: 3  
Marine pollutant: NO  
Proper shipping name: RESIN SOLUTION

**Air transport**

IATA/ICAO

Hazard class: 3  
Packing group: III  
ID number: UN 1866  
Hazard label: 3  
Proper shipping name: RESIN SOLUTION

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### 15. Regulatory Information

**Federal Regulations**

Not applicable

**NFPA Hazard codes:**

Health: 1      Fire: 2      Reactivity: 0      Special:

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### 16. Other Information

**SDS Prepared by:**  
BASF NA Product Regulations  
SDS Prepared on: 2021/04/06

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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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