

# Safety Data Sheet

## Joncryl® 89

Revision date : 2022/03/02

Version: 9.0

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(30282585/SDS\_GEN\_US/EN)

### 1. Identification

#### Product identifier used on the label

## Joncryl® 89

#### 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:

BASF CORPORATION

100 Park Avenue

Florham Park, NJ 07932, USA

Telephone: +1 973 245-6000

#### Emergency telephone number

##### 24 Hour Emergency Response Information

CHEMTREC: 1-800-424-9300

BASF HOTLINE: 1-800-832-HELP (4357)

#### Other means of identification

Chemical family: styrene acrylic polymers, in water

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### 2. Hazards Identification

#### According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

#### Classification of the product

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

#### Label elements

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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.

#### Labeling of special preparations (GHS):

Product contains the following components and may cause an allergic skin reaction: 5-chloro-2-methyl-2H-isothiazol-3-one, 2-Methyl-4-Isothiazolin-3-one

The substance may cause sensitization of the skin in particularly sensitive individuals. Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

## 3. Composition / Information on Ingredients

### According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

Poly(oxy-1,2-ethanediyl), .alpha.-(2-propylheptyl)-.omega.-hydroxy-

CAS Number: 160875-66-1

Content (W/W): >= 0.3 - < 1.0%

Synonym: No data available.

polypropylenglycol

CAS Number: 25322-69-4

Content (W/W): >= 1.0 - < 3.0%

Synonym: (POLYMER) Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-hydro-.omega.-hydroxy-

mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

CAS Number: 55965-84-9

Content (W/W): > 15.0 - < 50.0PPM

Synonym: 5-Chloro-2-methyl-3(2H)-isothiazolone mixt. with 2-methyl-3(2H)-isothiazolone

The product contains:

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

## 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:

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

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### **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: (Further) symptoms and / or effects are not known so far

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.

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## 5. Fire-Fighting Measures

### **Extinguishing media**

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:**

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.

### **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.

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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.

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## 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

The product in undamaged packing need not be stored separately.

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

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## 8. Exposure Controls/Personal Protection

No substance specific occupational exposure limits known.

### Advice on system design:

No applicable information available.

### 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:

Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice.

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## 9. Physical and Chemical Properties

Form:	liquid
Odour:	ammonia-like
Odour threshold:	No applicable information available.
Colour:	white
pH value:	7.9 - 8.6
Freezing point:	0 °C
	Information applies to the solvent.
Melting point:	No applicable information available.
Boiling point:	100 °C

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Sublimation point:	No applicable information available.	
Flash point:	No flash point - Measurement made up to the boiling point.	
Flammability:	not flammable	
Lower explosion limit:	15 %(V) Product not examined: Value is calculated from the data of the components.	
Upper explosion limit:	28 %(V) Product not examined: Value is calculated from the data of the components.	
Autoignition:	Based on the water content the product does not ignite.	
SADT:	> 75 °C	
Vapour pressure:	not applicable	
Density:	1.03 g/cm <sup>3</sup> ( 20 °C)	
Relative density:	1.03 ( 20 °C)	
Vapour density:	not determined	
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:	500 mPa.s ( 25 °C)	(ASTM D 1824)
Viscosity, kinematic:	No applicable information available.	
% volatiles:	0.84 - 0.96 %	
Solubility in water:	dispersible	
Solubility (quantitative):	No applicable information available.	
Solubility (qualitative):	soluble solvent(s): organic solvents,	
Molar mass:	No applicable information available.	
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

### 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

No conditions known that should be avoided.

### Incompatible materials

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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.

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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

#### 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

#### Assessment other acute effects

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

#### 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.

#### 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

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

### Sensitization

Assessment of sensitization: The product contains a mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1) (CAS-No.:55965-84-9). The substance may cause sensitization of the skin in particularly sensitive individuals. Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

### 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.

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.

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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*

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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 (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.

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## **13. Disposal considerations**

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

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

It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

### **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**

USDOT

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

## 15. Regulatory Information

### Federal Regulations

#### Registration status:

Chemical TSCA, US released / listed

**EPCRA 311/312 (Hazard categories):** Refer to SDS section 2 for GHS hazard classes applicable for this product.

#### NFPA Hazard codes:

Health: 1 Fire: 0 Reactivity: 0 Special:

## 16. Other Information

#### SDS Prepared by:

BASF NA Product Regulations

SDS Prepared on: 2022/03/02

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