

# Safety data sheet

## Joncryl® 61

Revision date : 2008/01/10  
Version: 1.2

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(30282470/MDS\_GEN\_US/EN)

### 1. Substance/preparation and company identification

Company  
BASF CORPORATION  
100 Campus Drive  
Florham Park, NJ 07932, USA

24 Hour Emergency Response Information  
CHEMTREC: 1-800-424-9300  
BASF HOTLINE: 1-800-832-HELP

### 2. Composition/information on ingredients

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
	30.0 - 40.0 %	Amine salt of modified acrylic copolymer
7732-18-5	50.0 - 60.0 %	Water
67-63-0	3.0 - 5.0 %	2-Propanol
57-55-6	1.0 - 3.0 %	Propylene glycol
1336-21-6	0.1 - 1.0 %	Ammonium hydroxide

### 3. Hazard identification

#### Emergency overview

WARNING: COMBUSTIBLE.  
Avoid all sources of ignition: heat, sparks, open flame.  
Avoid contact with the skin, eyes and clothing.  
Avoid prolonged and/or repeated contact with the skin.

#### Potential health effects

##### **Primary routes of exposure**

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquified gases.

#### Potential environmental effects

##### **Aquatic toxicity:**

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

### 4. First-aid measures

#### **General advice:**

Remove contaminated clothing.

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**If inhaled:**

Remove the affected individual into fresh air and keep the person calm. Seek medical attention.

**If on skin:**

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.

Seek medical attention.

**If swallowed:**

Rinse mouth and then drink plenty of water. Do not induce vomiting. Immediate medical attention required.

**Note to physician**

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

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## 5. Fire-fighting measures

Flash point:	> 38 °C	(ASTM D93)
	> 100 °F	(ASTM D93)
Autoignition:		No data available.
Flammability:	Flammable.	

**Suitable extinguishing media:**

water spray, dry extinguishing media, foam

**Hazards during fire-fighting:**

harmful vapours

Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

**Protective equipment for fire-fighting:**

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

**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:**

Use personal protective clothing.

**Environmental precautions:**

Do not discharge into drains/surface waters/groundwater.

**Cleanup:**

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

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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### 7. Handling and storage

#### Handling

##### **General advice:**

No special measures necessary if stored and handled correctly.

##### **Protection against fire and explosion:**

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

#### Storage

##### **General advice:**

Keep container tightly closed in a cool, well-ventilated place. Store protected against freezing.

### 8. Exposure controls and personal protection

#### Components with workplace control parameters

2-Propanol	OSHA	PEL 400 ppm 980 mg/m <sup>3</sup> ;
	ACGIH	TWA value 200 ppm ; STEL value 400 ppm ;
Ammonium hydroxide	OSHA	PEL 50 ppm 35 mg/m <sup>3</sup> ;
	ACGIH	TWA value 25 ppm ; STEL value 35 ppm ;

#### 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.

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

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

### 9. Physical and chemical properties

Form:	liquid	
Odour:	ammonia-like	
Colour:	colourless to yellow	
pH value:	7.8 - 8.7	
Freezing point:		No data available.
Boiling point:		No data available.
Vapour pressure:		No data available.
Density:	8.8 lb/USg	( 20 °C)
	1.05 g/cm <sup>3</sup>	( 20 °C)
Viscosity, dynamic:	3,750 mPa.s	( 25 °C)
% volatiles:	4.87 - 5.7 %	
Solubility in water:		dispersible
Other information:	No data available.	

### 10. Stability and reactivity

##### **Conditions to avoid:**

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Avoid extreme heat.

**Substances to avoid:**

oxidizing agents

**Hazardous reactions:**

No hazardous reactions when stored and handled according to instructions.

The product is chemically stable.

**Decomposition products:**

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

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## 11. Toxicological information

**Acute toxicity**

**Oral:**

LD50/rat: 5,000 mg/kg

**Skin irritation:**

rabbit: non-irritant (BASF-Test)

**Eye irritation :**

rabbit: non-irritant (BASF-Test)

**Chronic toxicity**

**Other information:**

The product has not been tested. The statements on toxicology have been derived from products of a similar structure and composition.

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## 12. Ecological information

**Environmental fate and transport**

**Biodegradation:**

Evaluation: The polymer component of the product is poorly biodegradable.

**Environmental toxicity**

**Other ecotoxicological advice:**

The product has not been tested. The statements on ecotoxicology have been derived from products of a similar structure and composition.

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## 13. Disposal considerations

**Waste disposal of substance:**

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

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### Container disposal:

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

RCRA: D001

## 14. Transport information

### Land transport

USDOT

Hazard class: 3  
Packing group: III  
ID number: UN 1866  
Hazard label: 3  
Proper shipping name: RESIN SOLUTION (contains PROPAN-2-OL)

### Sea transport

IMDG

Hazard class: 3  
Packing group: III  
ID number: UN 1866  
Hazard label: 3  
Marine pollutant: NO  
Proper shipping name: RESIN SOLUTION (contains PROPAN-2-OL)

### Air transport

IATA/ICAO

Hazard class: 3  
Packing group: III  
ID number: UN 1866  
Hazard label: 3  
Proper shipping name: RESIN SOLUTION (contains PROPAN-2-OL)

## 15. Regulatory information

### Federal Regulations

#### Registration status:

TSCA, US released / listed

#### OSHA hazard category:

Chronic target organ effects reported, ACGIH TLV established,  
Combustible Liquid, Flammable Liquid

#### CERCLA RQ

5000 LBS

1000 LBS

100 LBS

#### CAS Number

79-10-7

1336-21-6

67-63-0

#### Chemical name

acrylic acid

Ammonium hydroxide

2-Propanol

**SARA hazard categories (EPCRA 311/312):** Acute, Chronic, Fire

#### SARA 313:

#### CAS Number

#### Chemical name

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67-63-0	2-Propanol
1336-21-6	Ammonium hydroxide

### State regulations

#### State RTK

<u>CAS Number</u>	<u>Chemical name</u>	<u>State RTK</u>
67-63-0	Amine salt of modified acrylic copolymer	NJ, PA, MA
57-55-6	2-Propanol	MA, NJ, PA
	Propylene glycol	PA
1336-21-6	Ammonium hydroxide	MA, NJ, PA

## 16. Other information

### HMIS III rating

Health: 1      Flammability: 2      Physical hazard: 0

HMIS uses a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of zero means that the substance possesses essentially no hazard; a rating of four indicates high hazard.

### Local contact information

Prod\_Reg@basf.com  
(800) 231-7868

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