

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.

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.

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 ³ ;
	ACGIH	TWA value 200 ppm ; STEL value 400 ppm ;
Ammonium hydroxide	OSHA	PEL 50 ppm 35 mg/m ³ ;
	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 ³	(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.

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.

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.

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
1336-21-6	Propylene glycol	PA
	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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