

Safety Data Sheet

Joncryl® ECO 675

Revision date : 2014/06/10

Version: 1.0

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(30,282,635/SDS_GEN_CA/EN)

1. Product and Company Identification

Company

BASF Canada Inc.
5025 Creekbank Road
Building A, Floor 2
Mississauga, ON, L4W 0B6, CANADA

24 Hour Emergency Response Information

CHEMTREC: 1-800-424-9300
BASF HOTLINE: (800) 454-COPE (2673)

Synonyms:

ES 9181, P(AA-MS-S), EEC 380, EEC 409, Encor 8472 Use: Stabilizer, polymers for inks, varnishes or coatings

2. Hazards Identification

State of matter: solid

Colour: white

Odour: acrylic-like

Potential health effects**Irritation / corrosion:**

Not irritating to eyes and skin.

Chronic toxicity:**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.

Signs and symptoms of overexposure:

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

Potential environmental effects**Aquatic toxicity:**

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

Degradation / environmental fate:

The polymer component of the product is poorly biodegradable.

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3. Composition / Information on Ingredients

Not WHMIS controlled.

4. First-Aid Measures

General advice:

Remove contaminated clothing.

If inhaled:

If difficulties occur after dust has been inhaled, remove to fresh air and seek medical attention.

If on skin:

Wash thoroughly with soap and water.

If in eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open.

If swallowed:

Rinse mouth and then drink plenty of water.

Note to physician

Treatment:

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

5. Fire-Fighting Measures

Flash point:

not applicable

Autoignition:

not applicable

Flammability:

not flammable

Suitable extinguishing media:

dry powder, foam

Unsuitable extinguishing media for safety reasons:

carbon dioxide

Additional information:

Avoid whirling up the material/product because of the danger of dust explosion.

Hazards during fire-fighting:

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

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.

6. Accidental release measures

Personal precautions:

Avoid dust formation. Use personal protective clothing. Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice.

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Environmental precautions:

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

Cleanup:

Avoid raising dust.

For small amounts: Pick up with suitable appliance and dispose of.

For large amounts: Contain with dust binding material and dispose of.

7. Handling and Storage

Handling

General advice:

When filling, transferring, or emptying of containers, adequate local exhaust ventilation is necessary. Provide good ventilation of working area (local exhaust ventilation if necessary).

Protection against fire and explosion:

Electrostatic charge is possible when unpacking the product. Prevent electrostatic charge - sources of ignition should be kept well clear - fire extinguishers should be kept handy. Dust can form an explosive mixture with air.

Storage

General advice:

Keep container tightly closed and dry; store in a cool place. Protect from the effects of light. Keep container in a well-ventilated place.

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

8. Exposure Controls and Personal Protection

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.

General safety and hygiene measures:

Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice. Eye wash fountains and safety showers must be easily accessible.

9. Physical and Chemical Properties

Form:	solid	
Odour:	acrylic-like	
Odour threshold:	No data available.	
Colour:	white	
pH value:		not soluble
melting range:	approx. 250 - 300 °C	
Boiling point:		The product is a non-volatile solid.
Vapour pressure:		The value has not be determined because of the high melting point.
Density:	1.16 g/cm ³	(20 °C)
Relative density:	1.16	(20 °C)

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Bulk density:	approx. 500 - 900 kg/m ³	
Vapour density:		The product is a non-volatile solid.
Particle size:		No data available.
% volatiles:	0.39 - 1.3 %	
Solubility in water:		slightly soluble

10. Stability and Reactivity

Conditions to avoid:

Avoid dust formation.

Substances to avoid:

No substances known that should be avoided.

Hazardous reactions:

The product may contain explosive fine dust or such dust may be produced by abrasion during transport or product transfer.

Decomposition products:

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

Thermal decomposition:

Stable up to the melting point.

Oxidizing properties:

not fire-propagating

11. Toxicological information

Acute toxicity

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

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.

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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.

12. Ecological Information

Fish

Acute:

Leuciscus idus/LC50 (96 h): > 100 mg/l

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

Chronic:

No data available regarding toxicity to fish.

Aquatic invertebrates

Acute:

Screening (style of OECD 202) static

Daphnia magna/EC50 (48 h): > 100 mg/l

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

Chronic:

No data available regarding toxicity to daphnids.

Aquatic plants

Toxicity to aquatic plants:

algae/EC50 (72 h):

No data available.

Microorganisms

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.

Bioaccumulation

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

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13. Disposal considerations

Waste disposal of substance:

Must be disposed of or incinerated in accordance with local regulations.

Container disposal:

The packaging must not be re-used. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

14. Transport Information

Land transport

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

Registration status:

Chemical DSL, CA released / listed

Not WHMIS controlled.

THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CPR AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CPR.

16. Other Information

Recommended use: for industrial use only

Suitable for use in industrial sector: chemical industry;

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

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SDS Prepared by:

BASF NA Product Regulations

BASF HOTLINE (800) 454 – COPE (2673)

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