

Safety Data Sheet

Basyntan® DLE

Revision date : 2012/09/18

Version: 2.0

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(30045789/SDS_LEA_CA/EN)

1. Product and Company Identification

Company

BASF Canada Inc.
100 Milverton Drive
Mississauga, ON L5R 4H1, CANADA

24 Hour Emergency Response Information

CANUTEC (reverse charges): (613) 996-6666
BASF HOTLINE: (800) 454-COPE (2673)

Chemical family: copolymer
Synonyms: Phenol formaldehyde polycondensate

2. Hazards Identification

Emergency overview

Low hazard for usual industrial or commercial handling.

State of matter: solid
Colour: beige to yellow
Odour: product specific

Potential health effects**Acute toxicity:**

Virtually nontoxic after a single ingestion. Virtually nontoxic by inhalation.

Irritation / corrosion:

Not irritating to eyes and skin.

Sensitization:

There is no evidence of a skin-sensitizing potential.

Chronic toxicity:

Carcinogenicity: The whole of the information assessable provides no indication of a carcinogenic effect.

Reproductive toxicity: Not expected to cause reproductive toxicity (based on composition).

Genotoxicity: Mutagenicity tests revealed no genotoxic potential.

Signs and symptoms of overexposure:

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11. Further important symptoms and effects are so far not known.

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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

Autoignition:

No data available.

Self-ignition temperature:

not self-igniting

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:

harmful vapours

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.

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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:

Breathing must be protected when large quantities are decanted without local exhaust ventilation.

Protection against fire and explosion:

Avoid dust formation. Take precautionary measures against static discharges.

Storage

General advice:

Keep container tightly closed and dry; store in a cool place.

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

8. Exposure Controls and Personal Protection

Components with workplace control parameters

Formaldehyde	OSHA	TWA value 0.75 ppm ; STEL value 2 ppm ; OSHA Action level 0.5 ppm ;
	ACGIH	CLV 0.3 ppm ;

Personal protective equipment

Respiratory protection:

Respiratory protection may not be required under normal operating conditions if adequate ventilation is provided.

Hand protection:

Chemical resistant protective gloves

Eye protection:

Safety glasses with side-shields.

General safety and hygiene measures:

Handle in accordance with good industrial hygiene and safety practice. Wearing of closed work clothing is recommended. Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice.

9. Physical and Chemical Properties

Form:	powder	
Odour:	product specific	
Odour threshold:	No data available.	
Colour:	beige to yellow	
pH value:	approx. 3.5	(100 g/l, 20 °C)
Melting temperature:	> 200 °C	(1,013 hPa)
onset of boiling:	approx. 190 °C	
Bulk density:	approx. 500 kg/m ³	
Solubility in water:	200 g/l	(20 °C)

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Solubility (qualitative):	soluble solvent(s): polar solvents,
Other Information:	If necessary, information on other physical and chemical parameters is indicated in this section.

10. Stability and Reactivity

Substances to avoid:

strong acids, strong bases, strong oxidizing agents

Hazardous reactions:

In spite of the dedusting carried out for reasons of industrial health a dust explosion hazard can not be excluded.

Decomposition products:

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

Corrosion to metals:

No corrosive effect on metal.

Oxidizing properties:

not fire-propagating

11. Toxicological information

Acute toxicity**Oral:**

Type of value: LD50
Species: rat
Value: > 2,000 mg/kg

Inhalation:

Type of value: LC50
Species: rat
Value: > 5.2 mg/l
Exposure time: 4 h
Highest concentration available for testing.

Irritation / corrosion**Skin:**

Species: rabbit
Result: non-irritant
Method: OECD Guideline 404

Eye:

Species: rabbit
Result: non-irritant
Method: OECD Guideline 405

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

Fish

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

Microorganisms

Toxicity to microorganisms:
DIN 38412 Part 8 EC50: > 100 mg/l
Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations.

Degradability / Persistence

Biological / Abiological Degradation

Test method: OECD Guideline 302 B
Degree of elimination: 20 - 70 % (28 d)
Evaluation: Moderately/partially eliminated from water.

Other adverse effects:

Do not release untreated into natural waters.

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

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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

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.

MSDS Prepared by:

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