

Safety Data Sheet

Basyntan® FC

Revision date : 2012/01/14

Version: 1.0

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(30045795/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)

Synonyms:

Formaldehyde Condensation Product

2. Hazards Identification

Emergency overview

IRRITANT.
Irritating to eyes.

State of matter: solid
Colour: grey-beige
Odour: product specific

Potential health effects**Acute toxicity:**

Virtually nontoxic after a single ingestion.

Irritation / corrosion:

Irritating to eyes. Not irritating to the skin.

Sensitization:

Skin sensitizing effects were not observed in animal studies.

Chronic toxicity:

Repeated dose toxicity: No known chronic effects.

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.

3. Composition / Information on Ingredients

CAS Number

7681-38-1

Content (W/W)

15.0 - 40.0 %

Hazardous ingredients

sodium hydrogen sulphate

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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:

Flush with copious amounts of water for at least 15 minutes. Consult a physician.

If swallowed:

Rinse mouth thoroughly with water, seek medical attention.

Note to physician

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

5. Fire-Fighting Measures

Autoignition: No data available.

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.

Environmental precautions:

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

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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

Personal protective equipment

Respiratory protection:

Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator.

Hand protection:

Chemical resistant protective gloves

Eye protection:

Tightly fitting safety goggles (chemical goggles).

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:	grey-beige
pH value:	1.0 - 1.8 (100 g/l, 25 °C)
onset of boiling:	approx. 100 °C
Bulk density:	820 - 850 kg/m ³
Solubility in water:	> 100 g/l (20 °C)
Other Information:	If necessary, information on other physical and chemical parameters is indicated in this section.

10. Stability and Reactivity

Conditions to avoid:

Avoid humidity.

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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.

Corrosion to metals:

No corrosive effect on metal.

11. Toxicological information

Acute toxicity

Oral:

Type of value: LD50
Species: rat
Value: 4,000 mg/kg

Irritation / corrosion

Skin:

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

Eye:

Species: rabbit
Result: Risk of serious damage to eyes.
Method: OECD Guideline 405

Sensitization:

Buehler test
Species: guinea pig
Result: Non-sensitizing.
Method: OECD Guideline 406

Experiences in humans:

May lead to a skin reaction in people already sensitised with formaldehyde.

12. Ecological Information

Fish

Acute:

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

Microorganisms

Toxicity to microorganisms:

DEV-L2 aquatic
activated sludge/EC10: > 5,000 mg/l

Degradability / Persistence

Biological / Abiological Degradation

Test method: OECD 302B; ISO 9888; 88/302/EEC, part C
Method of analysis: COD reduction
Degree of elimination: 20 - 70 %

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Evaluation: Moderately/partially eliminated from water.
At environmentally relevant purification plant concentrations of <1mg/l the elimination of the product from water is good.

Other adverse effects:

Do not release untreated into natural waters.
The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

13. Disposal considerations

Waste disposal of substance:

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

Container disposal:

Uncontaminated packaging can be re-used. Packs that cannot be cleaned should be disposed of in the same manner as the contents.

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

WHMIS classification: D2B: Materials Causing Other Toxic Effects - Toxic material



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.

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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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