

# Safety Data Sheet

## Cyclanon® AC

Revision date : 2011/01/13

Version: 1.0

Page: 1/6

(30285628/SDS\_TEX\_CA/EN)

### 1. Product and Company Identification

Use: auxiliary / finishing agent for the textile industry

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)

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Chemical family: dispersion

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### 2. Hazards Identification

Emergency overview

NO PARTICULAR HAZARDS KNOWN.

State of matter: liquid  
Colour: pale straw yellow  
Odour: characteristic

Potential health effects**Acute toxicity:**

Virtually nontoxic after a single ingestion.

**Irritation / corrosion:**

Not irritating to eyes and skin.

**Chronic toxicity:**

**Carcinogenicity:** In long-term animal studies in which the substance was given in high doses by feed, a carcinogenic effect was not observed.

**Teratogenicity:** No indications of a developmental toxic / teratogenic effect were seen in animal studies.

**Genotoxicity:** No mutagenic effect was found in various tests with microorganisms and mammalian cell culture. The substance was not mutagenic in studies with mammals.

**Signs and symptoms of overexposure:**

# Safety Data Sheet

## Cyclanon® AC

Revision date : 2011/01/13  
Version: 1.0

Page: 2/6  
(30285628/SDS\_TEX\_CA/EN)

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.

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### 4. First-Aid Measures

**General advice:**

Remove contaminated clothing.

**If inhaled:**

Keep patient calm, remove to fresh air, seek medical attention. Assist in breathing if necessary.

**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.

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### 5. Fire-Fighting Measures

Flash point: > 100 °C

**Suitable extinguishing media:**

water spray, dry powder, 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:**

Wear a self-contained breathing apparatus in confined areas or when exposed to combustion products.

**Further information:**

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:**

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

# Safety Data Sheet

## Cyclanon® AC

Revision date : 2011/01/13  
Version: 1.0

Page: 3/6  
(30285628/SDS\_TEX\_CA/EN)

### 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.

## 7. Handling and Storage

### Handling

#### General advice:

No special measures necessary provided product is used correctly.

#### Protection against fire and explosion:

No special precautions necessary.

### Storage

#### General advice:

Keep container tightly closed and in a cool place.

## 8. Exposure Controls and Personal Protection

### Personal protective equipment

#### Respiratory protection:

Respiratory protection not required.

#### 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:	liquid	
Odour:	characteristic	
Odour threshold:	No data available.	
Colour:	pale straw yellow	
pH value:	7	
onset of boiling:	approx. 100 °C	( 1,013 hPa)
Density:	1 g/cm <sup>3</sup>	(approx. 20 °C)
Solubility in water:		soluble

## 10. Stability and Reactivity

### Hazardous reactions:

No hazardous reactions when stored and handled according to instructions.

### Decomposition products:

# Safety Data Sheet

## Cyclanon® AC

Revision date : 2011/01/13  
Version: 1.0

Page: 4/6  
(30285628/SDS\_TEX\_CA/EN)

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

**Corrosion to metals:**  
No corrosive effect on metal.

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## 11. Toxicological information

### Acute toxicity

#### Oral:

Type of value: LD50  
Species: rat  
Value: > 2,000 mg/kg (BASF-Test)

#### Inhalation:

Type of value: LC50  
Species: rat  
Value: > 5.2 mg/l (OECD Guideline 403)  
Exposure time: 4 h

### Irritation / corrosion

#### Skin:

Species: rabbit  
Result: non-irritant  
Method: Draize test

#### Eye:

Species: rabbit  
Result: non-irritant  
Method: Draize test

### Other Information:

The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

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## 12. Ecological Information

### Fish

Acute:  
DIN 38412 Part 15 static  
Leuciscus idus/LC50 (96 h): > 10,000 mg/l

### Microorganisms

Toxicity to microorganisms:  
OECD Guideline 209 aerobic  
activated sludge, industrial/EC20 (0.5 h): > 1,995 mg/l

### Degradability / Persistence

#### Biological / Abiological Degradation

Test method: OECD Guideline 302 B (aerobic), activated sludge, industrial  
Method of analysis: DOC reduction  
Degree of elimination: < 10 % (15 d)  
Evaluation: Poorly eliminated from water.  
Poorly eliminated from water.

### Bioaccumulation

# Safety Data Sheet

## Cyclanon® AC

Revision date : 2011/01/13  
Version: 1.0

Page: 5/6  
(30285628/SDS\_TEX\_CA/EN)

Based on its structural properties, the polymer is not biologically available. Accumulation in organisms is not to be 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:**

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

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### 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

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### 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.**

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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.

# Safety Data Sheet

## Cyclanon® AC

Revision date : 2011/01/13  
Version: 1.0

Page: 6/6  
(30285628/SDS\_TEX\_CA/EN)

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MSDS Prepared on: 2011/01/13

Cyclanon END OF DATA SHEET