

# Safety Data Sheet

## Cetiol® V

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Version: 1.0

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(30527917/SDS\_GEN\_CA/EN)

### 1. Identification

#### Product identifier used on the label

## Cetiol® V

#### Recommended use of the chemical and restriction on use

Recommended use\*: Chemical

\* The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

#### Details of the supplier of the safety data sheet

##### Company:

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

Telephone: +1 289 360-1300

#### Emergency telephone number

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

#### Other means of identification

Synonyms: fatty acid ester

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### 2. Hazards Identification

#### According to Hazardous Products Regulations (HPR) (SOR/2015-17)

#### Classification of the product

No need for classification according to GHS criteria for this product.

#### Label elements

The product does not require a hazard warning label in accordance with GHS criteria.

#### Hazards not otherwise classified

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No specific dangers known, if the regulations/notes for storage and handling are considered.

### 3. Composition / Information on Ingredients

#### According to Hazardous Products Regulations (HPR) (SOR/2015-17)

This product does not contain any components classified as hazardous under the referenced regulation.

### 4. First-Aid Measures

#### Description of first aid measures

##### **If inhaled:**

Remove victim to fresh air and away from exposure immediately. If breathing has stopped, administer artificial respiration. Immediate medical attention required.

##### **If on skin:**

After contact with skin, wash immediately with plenty of water and soap.

##### **If in eyes:**

Wash affected eyes for at least 15 minutes under running water with eyelids held open. Do not rub eyes; mechanical action may cause corneal damage. Immediate medical attention required.

##### **If swallowed:**

Call a poison control center or physician for treatment advice.

#### **Most important symptoms and effects, both acute and delayed**

Symptoms: No significant symptoms are expected due to the non-classification of the product.  
Hazards: No hazard is expected under intended use and appropriate handling.

#### **Indication of any immediate medical attention and special treatment needed**

##### Note to physician

Treatment: Treat symptomatically.

### 5. Fire-Fighting Measures

#### **Extinguishing media**

Suitable extinguishing media:  
water spray, carbon dioxide, dry powder, foam

#### **Special hazards arising from the substance or mixture**

Hazards during fire-fighting:  
harmful vapours

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

#### **Advice for fire-fighters**

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Protective equipment for fire-fighting:  
Wear a self-contained breathing apparatus.

**Further information:**

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

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## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Use personal protective clothing.

### Environmental precautions

Do not discharge into drains/surface waters/groundwater.

### Methods and material for containment and cleaning up

For small amounts: Pick up with suitable absorbent material.

For large amounts: Dike spillage. Pump off product.

Dispose of absorbed material in accordance with regulations.

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## 7. Handling and Storage

### Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice.

Protection against fire and explosion:

Take precautionary measures against static discharges. Avoid all sources of ignition: heat, sparks, open flame.

### Conditions for safe storage, including any incompatibilities

No applicable information available.

Suitable materials for containers: tinned carbon steel (Tinplate), glass, High density polyethylene (HDPE), Galvanized carbon steel (Zinc), Carbon steel (Iron)

Further information on storage conditions: Protect containers from physical damage.

Storage stability:

Storage temperature: 5 - 30 °C

Protect against moisture.

Protect from temperatures below: 5 °C

Characteristics of the product are reversibly changed when falling below the limit temperature.

Protect from temperatures above: 30 °C

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## 8. Exposure Controls/Personal Protection

No occupational exposure limits known.

**Advice on system design:**

Ensure adequate ventilation.

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### Personal protective equipment

#### **Respiratory protection:**

Not applicable with adequate ventilation. Wear a NIOSH-certified (or equivalent) respirator as necessary. Follow manufacturer's recommendations.

#### **Hand protection:**

Plastic gloves, Rubber gloves

#### **Eye protection:**

Safety glasses with side-shields.

#### **Body protection:**

Body protection must be chosen depending on activity and possible exposure, e.g. head protection, apron, protective boots, chemical-protection suit.

#### **General safety and hygiene measures:**

Handle in accordance with good industrial hygiene and safety practice. No eating, drinking, smoking or tobacco use at the place of work. Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical and Chemical Properties

Form:	liquid	
Odour:	characteristic	
Odour threshold:	not applicable	
Colour:	yellowish	
pH value:	not applicable	
Melting point:	-5.0 - 5.0 °C	
decomposition point:	> 215.0 °C The substance / product decomposes.	
boiling temperature:	> 300 °C	
Sublimation point:	No applicable information available.	
Flash point:	215.00 °C	(ASTM D92)
Flammability:	not flammable	
Flammability of Aerosol Products:	not applicable, the product does not form flammable aerosoles	
Lower explosion limit:	For liquids not relevant for classification and labelling.	
Upper explosion limit:	For liquids not relevant for classification and labelling.	
Vapour pressure:	< 0.00001 mbar ( 20 °C)	(calculated)
Density:	0.864 g/cm3 ( 20.0 °C)	(DIN 51757)
Vapour density:	not applicable	
Partitioning coefficient n-octanol/water (log Pow):	12.440	(calculated)
Self-ignition temperature:	not applicable	
Viscosity, dynamic:	15.9 mPa*s ( 20 °C)	(DGF C-IV 7; Viscosity Höppler/Ubbelohde)
Viscosity, kinematic:	not determined	
Solubility in water:	insoluble	
Solubility (quantitative):	No applicable information available.	
Solubility (qualitative):	Negligible (< 0.1 % ) solvent(s): distilled water,	

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Evaporation rate:	Value can be approximated from Henry's Law Constant or vapor pressure.
Other Information:	If necessary, information on other physical and chemical parameters is indicated in this section. No further information available.

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## 10. Stability and Reactivity

### Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Oxidizing properties:  
not fire-propagating

### Chemical stability

The product is stable if stored and handled as prescribed/indicated.

### Possibility of hazardous reactions

Reacts with oxidizing agents. Reacts with strong acids.

### Conditions to avoid

See MSDS section 7 - Handling and storage.

### Incompatible materials

No substances known that should be avoided.

### Hazardous decomposition products

Decomposition products:

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

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## 11. Toxicological information

### Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

#### Primary routes of entry

Dermal contact.

### Acute Toxicity/Effects

#### Acute toxicity

Assessment of acute toxicity: Virtually nontoxic after a single skin contact.  
Virtually nontoxic after a single ingestion.

#### Oral

Type of value: LD50

Species: rat

Value: > 5,000 mg/kg (Directive 84/449/EEC, B.1)

#### Inhalation

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No applicable information available.

### Dermal

Type of value: LD50

Species: rabbit

Value: > 2,000 mg/kg (OECD Guideline 402)

### Assessment other acute effects

Assessment of STOT single:

Based on the available information there is no specific target organ toxicity to be expected after a single exposure.

### Irritation / corrosion

Assessment of irritating effects: Not irritating to the eyes.

Not irritating to the skin.

### Skin

Species: rabbit

Result: Slightly irritating.

Method: OECD Guideline 404

### Eye

Species: rabbit

Result: non-irritant

Method: OECD Guideline 405

### Sensitization

Assessment of sensitization: No sensitizing effect.

Species: mouse

Result: Non-sensitizing.

Method: OECD Guideline 429

### Aspiration Hazard

No aspiration hazard expected.

## **Chronic Toxicity/Effects**

### Repeated dose toxicity

Assessment of repeated dose toxicity: The information available on the product provides no indication of toxicity on target organs after repeated exposure.

### Genetic toxicity

Assessment of mutagenicity: Mutagenicity tests revealed no genotoxic potential.

Genetic toxicity in vitro: OECD Guideline 471 Ames-test negative

### Carcinogenicity

Assessment of carcinogenicity: The chemical structure does not suggest a specific alert for such an effect.

### Reproductive toxicity

Assessment of reproduction toxicity: The results of animal studies gave no indication of a fertility impairing effect. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

### Teratogenicity

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Assessment of teratogenicity: The product has not been tested. The statement has been derived from substances/products of a similar structure or composition. No adverse effects on embryonic or fetal development were observed.

### Symptoms of Exposure

No significant symptoms are expected due to the non-classification of the product.

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## 12. Ecological Information

### Toxicity

#### Toxicity to fish

LC50 > 100 mg/l, Brachydanio rerio (DIN EN ISO 7346-2)

#### Aquatic invertebrates

EC50 > 100 mg/l, Daphnia magna (OECD Guideline 202, part 1)

#### Aquatic plants

EC50 > 100 mg/l, Scenedesmus subspicatus (Directive 88/302/EEC, part C, p. 89)

### Microorganisms/Effect on activated sludge

#### Toxicity to microorganisms

bacterium/EC0: > 100 mg/l

### Persistence and degradability

#### Assessment biodegradation and elimination (H2O)

readily biodegradable, but failing 10d window

### Bioaccumulative potential

#### Assessment bioaccumulation potential

Does not significantly accumulate in organisms.

### Mobility in soil

#### Assessment transport between environmental compartments

Adsorption to solid soil phase is 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:

Empty contaminated containers/packaging must be handled according to applicable regulations for the hazardous properties of the contaminating material.

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### 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

Cosmetic                    DSL, CA released / listed

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## 16. Other Information

### SDS Prepared by:

BASF NA Product Regulations  
SDS Prepared on: 2016/07/12

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