

# Safety data sheet

## Blankit® DZ

Revision date : 2009/03/18  
Version: 1.0

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(30061796/SDS\_TEX\_CA/EN)

### 1. Substance/preparation 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)

### 2. Hazardous ingredients

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Hazardous ingredients</u>
24887-06-7	60.0 - 100.0 %	Zinc, bis[(hydroxy-.kappa.O)methanesulfinato-.kappa.O]-, (T-4)-

### 3. Hazard identification

#### Emergency overview

IRRITANT. Irritating to eyes.

#### Potential health effects

##### **Acute toxicity:**

Of moderate toxicity after single ingestion.

##### **Irritation:**

Irritating to eyes. Not irritating to the skin.

### 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:**

Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

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**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.

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## 5. Fire-fighting measures

**Suitable extinguishing media:**

dry extinguishing media, 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.

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## 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.

**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.

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## 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.

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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:	pungent odour	
Odour threshold:	No data available.	
Colour:	white	
pH value:	3.2 - 3.7	( 10 g/l, 20 °C) (ISO 1148)
melting point (decomposition):	> 100 °C	The substance / product decomposes.
Bulk density:	1,100 - 1,250 kg/m <sup>3</sup>	
Solubility in water:	approx. 500 g/l	( 25 °C)

### 10. Stability and reactivity

#### **Conditions to avoid:**

Avoid humidity.

#### **Substances to avoid:**

acids, oxidizing agents

#### **Hazardous reactions:**

In spite of the dedusting carried out for reasons of industrial health a dust explosion hazard can not be excluded. Contact with acids liberates toxic gases.

#### **Decomposition products:**

Hazardous decomposition products: Formaldehyde, Sulphur dioxide

#### **Thermal decomposition:**

> 100 °C

### 11. Toxicological information

#### Acute toxicity

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### Oral:

LD50/rat: > 2,000 mg/kg

### Skin irritation:

rabbit: non-irritant (OECD Guideline 404)

### Eye irritation :

rabbit: Irritant. (OECD Guideline 405)

### Chronic toxicity

### Other information:

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

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## 12. Ecological information

### Environmental fate and transport

#### Biodegradation:

Test method: OECD 303A; ISO 11733; 92/69 EEC,V, C.10

Method of analysis: Specific analysis

Degree of elimination: > 70 %

Evaluation: Easily eliminated from water.

### Environmental toxicity

#### Acute toxicity to aquatic invertebrates:

Daphnia magna/LC50 (24 h): 10 - 100 mg/l

#### Toxicity to microorganisms:

DEV-L2 EC50: > 100 mg/l

Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations.

#### Other ecotoxicological advice:

Do not release untreated into natural waters.

The product has not been tested. The statement has been derived from the properties of the individual components.

### Other adverse effects

The product contains: 16.5 (W/W) % zinc

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## 13. Disposal considerations

### Waste disposal of substance:

Must be dumped 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.

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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:

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

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#### Local contact information

BASF Canada Product Safety

prod\_reg@basf.com

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