

# Safety Data Sheet

## Rongalit® Discharge D (Decrolin®)

Revision date : 2012/01/14

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Version: 1.0

(30046260/SDS\_TEX\_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: organometal salts

### 2. Hazards Identification

Emergency overview

IRRITANT.  
Irritating to eyes.  
Harmful if swallowed.

State of matter: solid  
Colour: white  
Odour: product specific

Potential health effects

**Acute toxicity:**  
Harmful if swallowed.

**Irritation / corrosion:**  
Irritating to eyes. Not irritating to the skin.

**Sensitization:**  
There is no evidence of a skin-sensitizing potential.

**Chronic toxicity:**

**Reproductive toxicity:** The results of a more recent animal study gave no evidence that the substance impairs fertility. The product has not been tested. The statement has been derived from products of a similar structure or composition.

**Teratogenicity:** The results of a more recent animal study gave no evidence that the substance causes a developmental toxicity. The product has not been tested. The statement has been derived from products of a similar structure or composition.

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**Genotoxicity:** Mutagenic properties can not be excluded on the basis of experimental data. The substance was mutagenic in studies with mammals. The product has not been tested. The statement has been derived from products of a similar structure or composition.

**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

<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)methanesulfonato-.kappa.O]-, (T-4)-

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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:**

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

**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

Flammability: 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.

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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.

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

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### 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 ;
Sulphur dioxide	OSHA	PEL 5 ppm 13 mg/m3 ;
	ACGIH	STEL value 0.25 ppm ;

**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. Wash soiled clothing immediately.

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### 9. Physical and Chemical Properties

Form: powder

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Odour:	product specific	
Odour threshold:	No data available.	
Colour:	white	
pH value:	3.5 - 5.2	( 100 g/l, 20 °C)
Melting temperature:	approx. 150 °C	The substance / product decomposes.
Density:	2.27 g/cm <sup>3</sup>	( 20 °C)
Bulk density:	1,100 - 1,400 kg/m <sup>3</sup>	
Partitioning coefficient n-octanol/water (log Pow):	< -3.0	(calculated)
Solubility in water:	500 g/l	( 20 °C)
Molar mass:	255.59 g/mol	
Other Information:	If necessary, information on other physical and chemical parameters is indicated in this section.	

### 10. Stability and Reactivity

**Conditions to avoid:**

Avoid extreme heat.

**Substances to avoid:**

acids, oxidizing agents

**Hazardous reactions:**

The product may contain explosive fine dust or such dust may be produced by abrasion during transport or product transfer. Contact with acids liberates toxic gases.

**Decomposition products:**

Hazardous decomposition products: Formaldehyde, sulfur oxides

**Thermal decomposition:**

> 100 °C

Possible thermal decomposition products:

Sulphur dioxide, Formaldehyde

The substances mentioned are released when reaching or exceeding the stated temperature.

### 11. Toxicological information

**Acute toxicity**

**Oral:**

Type of value: LD50

Species: rat

Value: 1,280 mg/kg

**Irritation / corrosion**

**Skin:**

Species: rabbit

Result: non-irritant

Method: OECD Guideline 404

**Eye:**

Species: rabbit

Result: Irritant.

Method: OECD Guideline 405

**Development**

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OECD Guideline 422 rat (Wistar) (male/female) gavage 100, 300, 1000  
NOAEL Mat.: 300 mg/kg  
NOAEL Teratog.: 1,000 mg/kg

## 12. Ecological Information

### Aquatic invertebrates

Acute:  
EC50 (24 h): 12 mg/l

### Aquatic plants

Toxicity to aquatic plants:  
OECD Guideline 201 green algae/EC50 (72 h): > 100 mg/l

### Microorganisms

Toxicity to microorganisms:  
DEV-L2 : > 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 303A; ISO 11733; 92/69 EEC,V, C.10  
Method of analysis: Specific analysis  
Degree of elimination: > 70 %  
Evaluation: Easily eliminated from water.

### Bioaccumulation

Because of the n-octanol/water distribution coefficient (log Pow) accumulation in organisms is not to be expected.

### Other adverse effects:

Do not release untreated into natural waters.

The product contains: 23 (W/W) % zinc

## 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

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### 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

**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.

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### MSDS Prepared by:

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MSDS Prepared on: 2012/01/14

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