

# Safety data sheet

## CATALYST\* N-MCH

Revision date : 2006/10/17  
Version: 1.0

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(30218855/MDS\_GEN\_CA/EN)

### 1. Substance/preparation and company identification

Company  
BASF CANADA  
100 Milverton Drive  
Mississauga, ON L5R 4H1

24 Hour Emergency Response Information  
CANUTEC (reverse charges): (613) 996-6666  
BASF HOTLINE (800) 454-COPE (2673)

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Chemical family: inorganic salts

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### 2. Hazardous ingredients

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Hazardous ingredients</u>
7791-18-6	30.0 - 60.0 %	magnesiumchloride-hexahydrate

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### 3. Hazard identification

#### Emergency overview

CORROSIVE. Corrosive to the skin, eyes and respiratory system.  
Avoid contact with the skin, eyes and clothing.  
Wear protective clothing.  
Wear full face shield if splashing hazard exists.  
Eye wash fountains and safety showers must be easily accessible.

#### Potential health effects

**Acute toxicity:**  
Not expected to be acutely toxic.

**Irritation:**  
Irritating to eyes and skin. The product has not been tested. The statement has been derived from the properties of the individual components.

**Repeated dose toxicity:**  
No known chronic effects.

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### 4. First-aid measures

**General advice:**  
Remove contaminated clothing.

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**If inhaled:**

Remove the affected individual into fresh air and keep the person calm. Assist in breathing if necessary. Immediate medical attention required.

**If on skin:**

Wash affected areas thoroughly with soap and water. If irritation develops, seek medical attention.

**If in eyes:**

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. If irritation develops, seek medical attention.

**If swallowed:**

Rinse mouth and then drink plenty of water. Induce vomiting. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions. Immediate medical attention required.

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### 5. Fire-fighting measures

Flash point:

No data available.

Autoignition:

No data available.

**Suitable extinguishing media:**

water, carbon dioxide, dry extinguishing media, foam

**Hazards during fire-fighting:**

No particular hazards known.

**Protective equipment for fire-fighting:**

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

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### 6. Accidental release measures

**Personal precautions:**

Wear appropriate respiratory protection. Use personal protective clothing. Ensure adequate ventilation.

**Cleanup:**

Spills should be contained, solidified, and placed in suitable containers for disposal.

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### 7. Handling and storage

**Handling**

**Protection against fire and explosion:**

No explosion proofing necessary.

**Storage**

**General advice:**

Store protected against freezing.

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### 8. Exposure controls and personal protection

**Advice on system design:**

Provide local exhaust ventilation to control vapours/mists.

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### **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). Wear face shield if splashing hazard exists.

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

Eye wash fountains and safety showers must be easily accessible. Wear protective clothing as necessary to prevent contact. Avoid inhalation of vapours/mists. Wash soiled clothing immediately.

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## 9. Physical and chemical properties

Form:	liquid	
Odour:	characteristic	
Odour threshold:	No data available.	
Colour:	colourless	
pH value:	1 - 2	
Freezing point:	approx. 0 °C	( 1 ATM)
Boiling point:	approx. 100 °C	( 1 ATM)
Density:	1.14 - 1.16 g/cm <sup>3</sup>	( 15 °C)

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## 10. Stability and reactivity

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

No conditions known that should be avoided.

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

No substances known that should be avoided.

#### **Hazardous reactions:**

The product is chemically stable.

#### **Decomposition products:**

No hazardous decomposition products known.

#### **Thermal decomposition:**

No data available.

#### **Corrosion to metals:**

Corrosive effect on metals.

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## 11. Toxicological information

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## 12. Ecological information

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## 13. Disposal considerations

#### **Waste disposal of substance:**

Dispose of in accordance with local authority regulations.

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Do not discharge into drains/surface waters/groundwater.

**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:**

DSL, CA

released / listed

**WHMIS classification:** E: Corrosive material

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

**Local contact information**

BASF Canada Product Safety  
289-360-1300

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END OF DATA SHEET