

# Safety data sheet

## Astacin\* Matting NB-LV TF

Revision date : 2006/10/17  
Version: 1.0

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(30242507/MDS\_GEN\_CA/EN)

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### 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: polyurethane

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### 2. Hazardous ingredients

Not WHMIS controlled.

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### 3. Hazard identification

#### Emergency overview

NO PARTICULAR HAZARDS KNOWN.

#### Potential health effects

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

Virtually nontoxic after a single ingestion.

##### **Irritation:**

Not irritating to eyes and skin.

#### Potential environmental effects

##### **Aquatic toxicity:**

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

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### 4. First-aid measures

#### **General advice:**

Remove contaminated clothing.

#### **If inhaled:**

If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air and seek medical attention.

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**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 immediately and then drink plenty of 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

Flash point: > 100 °C (DIN 51758)

Autoignition: > 200 °C (DIN 51794)

**Suitable extinguishing media:**

water spray, dry extinguishing media, foam, carbon dioxide

**Protective equipment for fire-fighting:**

Wear self-contained breathing apparatus and chemical-protective clothing.

**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:**

Use personal protective clothing.

Handle in accordance with good industrial hygiene and safety practice. Use breathing apparatus if exposed to vapours/dust/aerosol.

**Environmental precautions:**

Discharge into the environment must be avoided. Do not discharge into drains/surface waters/groundwater.

**Cleanup:**

For large amounts: Pump off product.

For residues: Pick up with suitable absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr). Dispose of absorbed material in accordance with regulations.

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### 7. Handling and storage

**Handling**

**General advice:**

Ensure thorough ventilation of stores and work areas. Handle in accordance with good industrial hygiene and safety practice.

**Storage**

**General advice:**

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Keep container tightly closed and dry; store in a cool place.

### Temperature tolerance

Protect from temperatures below: 5 °C

The packed product is destroyed at low temperatures or by frost.

Protect from temperatures above: 40 °C

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## 8. Exposure controls and personal protection

### Components with workplace control parameters

Silicon dioxide	OSHA	TWA value 20 millions of particles per cubic foot of air ; TWA value 0.8 mg/m3 ;
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### Personal protective equipment

#### Respiratory protection:

Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator as needed.

#### Hand protection:

Chemical resistant protective gloves, plastic, rubber

#### Eye protection:

Safety glasses with side-shields.

#### General safety and hygiene measures:

Do not inhale gases/vapours/aerosols. Wearing of closed work clothing is recommended. Handle in accordance with good industrial hygiene and safety practice.

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## 9. Physical and chemical properties

Form:	liquid	
Odour:	product specific	
Odour threshold:	No data available.	
Colour:	opaque	
pH value:	8 - 10	
solidification temperature:	< 0 °C	
boiling temperature:	approx. 100 °C	
Density:	approx. 1.065 g/cm3	( 20 °C)
Miscibility with water:		miscible

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## 10. Stability and reactivity

### Hazardous reactions:

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

### Decomposition products:

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

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## 11. Toxicological information

### Acute toxicity

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### Oral:

LD50/rat: > 2,000 mg/kg

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

### Skin irritation:

rabbit: non-irritant (OECD Guideline 404)

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

### Eye irritation :

rabbit: non-irritant (OECD Guideline 405)

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 302B; ISO 9888; 88/302/EEC, part C

Method of analysis: DOC reduction

Degree of elimination: > 70 %

Evaluation: The product can be virtually eliminated from water by abiotic processes e.g. adsorption onto activated sludge.

#### Adsorbable organically-bound halogen (AOX):

This product contains no organically-bound halogen.

### Environmental toxicity

#### Acute and prolonged toxicity to fish:

golden orfe/LC50 (96 h): > 100 mg/l

#### Toxicity to microorganisms:

DEV-L2 bacteria: > 100 mg/l

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

#### Other ecotoxicological advice:

Do not release untreated into natural waters.

### Other adverse effects

The product contains:

Because of the manufacturing process the product does not contain heavy metals.

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## 13. Disposal considerations

#### Waste disposal of substance:

Must be dumped or incinerated in accordance with local regulations.

Check for possible recycling.

#### Container disposal:

Uncontaminated packaging can be re-used. Packs that cannot be cleaned should be disposed of in the same manner as the contents.

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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

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

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#### Local contact information

BASF Canada Product Safety

289-360-1300

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