

Safety Data Sheet

THOROSHEEN MEDIUM

Revision date : 2009/09/18
Version: 1.0

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(30368781/SDS_GEN_CA/EN)

1. Product 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)

2. Hazards Identification

Emergency overview

Contains a suspect teratogen.
Contains a carcinogen.

State of matter: liquid
Colour: pigmented
Odour: sweetish

Potential health effects

3. Composition / Information on Ingredients

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Hazardous ingredients</u>
107-21-1	>= 1.0 - <= 5.0 %	ethyleneglycol
13463-67-7	>= 10.0 - <= 30.0 %	Titanium dioxide
14808-60-7	>= 0.1 - <= 1.0 %	crystalline silica

4. First-Aid Measures

General advice:

First aid personnel should pay attention to their own safety. Remove contaminated clothing.

If inhaled:

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

If on skin:

After contact with skin, wash immediately with plenty of water and soap. Under no circumstances should organic solvent be used. If irritation develops, seek medical attention.

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If in eyes:

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

If swallowed:

Rinse mouth immediately with water. Seek medical attention if necessary. Do not induce vomiting unless told to by a poison control center or doctor.

5. Fire-Fighting Measures

Flash point: 93.34 °C
Lower explosion limit: 3.2 %(V)
Upper explosion limit: 15.3 %(V)

Suitable extinguishing media:

carbon dioxide, dry extinguishing media, foam, water fog

Hazards during fire-fighting:

carbon monoxide, carbon dioxide, harmful vapours, nitrogen oxides, fumes/smoke, carbon black

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.

6. Accidental release measures

Personal precautions:

Use personal protective clothing. Do not breathe vapour/aerosol/spray mists. Handle in accordance with good building materials hygiene and safety practice.

Environmental precautions:

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

Cleanup:

For small amounts: Pick up with inert absorbent material (e.g. sand, earth etc.). Dispose of contaminated material as prescribed.

For large amounts: Pump off product.

7. Handling and Storage

Handling**General advice:**

Avoid aerosol formation. Avoid inhalation of mists/vapours. Avoid skin contact. No special measures necessary provided product is used correctly.

Protection against fire and explosion:

The product does not contribute to the spreading of flames, nor is it self combustible, not explosive. Take precautionary measures against static discharges.

Storage**General advice:**

Keep only in the original container in a cool, well-ventilated place. Protect from direct sunlight. Store protected against freezing.

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Temperature tolerance

Protect from temperatures below: 0 °C

The packed product must be protected from temperatures below the indicated one.

8. Exposure Controls and Personal Protection

Personal protective equipment

Respiratory protection:

Wear a NIOSH-certified (or equivalent) organic vapour respirator.

Hand protection:

Wear chemical resistant protective gloves.

Eye protection:

Safety glasses with side-shields.

Body protection:

Impermeable protective clothing

General safety and hygiene measures:

Avoid contact with the skin, eyes and clothing. In order to prevent contamination while handling, closed working clothes and working gloves should be used. Handle in accordance with good building materials hygiene and safety practice. When using, do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift. At the end of the shift the skin should be cleaned and skin-care agents applied. Gloves must be inspected regularly and prior to each use. Replace if necessary (e.g. pinhole leaks).

9. Physical and Chemical Properties

Form:	liquid	
Odour:	sweetish, slight odour	
Odour threshold:	No data available.	
Colour:	pigmented	
pH value:	9.5 - 10.0	
Boiling point:	192.78 - 205.00 °C	
Vapour pressure:		No data available.
Density:	1.41 g/cm ³	(20 °C)
Vapour density:		Heavier than air.
Partitioning coefficient n-octanol/water (log Pow):		No data available.
Solubility in water:		partly soluble

10. Stability and Reactivity

Conditions to avoid:

Avoid extreme temperatures.

Substances to avoid:

strong bases, strong acids

Hazardous reactions:

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

Decomposition products:

irritant gases/vapours, carbon oxides

Thermal decomposition:

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No decomposition if stored and handled as prescribed/indicated.

Oxidizing properties:

Based on its structural properties the product is not classified as oxidizing.

11. Toxicological information

Carcinogenicity

Information on: Titanium dioxide

IARC (International Agency for Research on Cancer) has classified this substance as group 2B (The agent is possibly carcinogenic to humans). In long-term studies in rats in which the substance was given by inhalation, a carcinogenic effect was observed. Tumors were only observed in rats after chronic inhalative exposure to high concentrations which caused sustained lung inflammation. In long-term studies in rats and mice in which the substance was given by feed, a carcinogenic effect was not observed. Dermal exposure is not expected to be carcinogenic.

Information on: crystalline silica

The International Agency for Research on Cancer (IARC) has classified this substance as a Group 1 (known human carcinogen).

12. Ecological Information

Other adverse effects:

The product has not been tested. Do not discharge product into the environment without control.

13. Disposal considerations

Waste disposal of substance:

Dispose of in accordance with local authority regulations. Do not discharge into drains/surface waters/groundwater.

Container disposal:

Contaminated packaging should be emptied as far as possible; then it can be passed on for recycling after being thoroughly cleaned.

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:

Chemical DSL, CA released; restriction on quantity / not listed

WHMIS classification: D2A: Materials Causing Other Toxic Effects - Very 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.

16. Other Information

BASF supports 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.

Local Contact Information

BASF Construction Chemicals
bcc_prps@basf.com

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