

Safety Data Sheet

CONCRETE PASTE LPL PTB

Revision date : 2012/01/12

Version: 1.1

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(30367664/SDS_GEN_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)

2. Hazards Identification

Emergency overview

SENSITIZER.
TOXIC.
CORROSIVE.
Causes burns.
May cause sensitization by skin contact.

State of matter: liquid
Colour: black
Odour: ammonia-like

Potential health effects**Acute toxicity:**

Harmful if absorbed through skin.
Harmful in contact with skin and if swallowed.

Irritation / corrosion:

Causes burns.

Sensitization:

May produce an allergic reaction. Sensitization after skin contact possible. The product has not been tested. The statement has been derived from the properties of the individual components.

Chronic toxicity:

Carcinogenicity: The chemical structure does not suggest a specific alert for such an effect.

Signs and symptoms of overexposure:

Eye irritation, skin irritation, allergic symptoms

Potential environmental effects**Aquatic toxicity:**

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Acutely toxic for aquatic organisms. May cause long-term adverse effects in the aquatic environment.

Degradation / environmental fate:

The organic component of the product is biodegradable. The product has not been tested. The statement has been derived from the properties of the individual components.

3. Composition / Information on Ingredients

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Hazardous ingredients</u>
112-57-2	>= 7.0 - <= 13.0 %	3,6,9-triazaundecamethylene-1,11-diamine
108-95-2	>= 1.0 - <= 5.0 %	phenol
90-72-2	>= 0.5 - <= 1.5 %	2,4,6-tris(dimethylaminomethyl)phenol

4. First-Aid Measures

General advice:

First aid personnel should pay attention to their own safety. Immediately 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.

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 and then drink plenty of water, seek medical attention. Do not induce vomiting unless told to by a poison control center or doctor.

5. Fire-Fighting Measures

Flash point: 240 °C
Flammability: not highly flammable

Suitable extinguishing media:

foam, water spray, dry powder, carbon dioxide

Unsuitable extinguishing media for safety reasons:

water jet

Hazards during fire-fighting:

carbon dioxide, carbon monoxide, nitrogen oxides, fumes/smoke, carbon black, corrosive gases/vapours

Protective equipment for fire-fighting:

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

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. 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:

Keep away from sources of ignition - No smoking. Keep container tightly sealed. Handle and open container with care.

Protection against fire and explosion:

The product does not contribute to the spreading of flames, nor is it self combustible, not explosive.

Storage

General advice:

Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame. Protect from direct sunlight. Store protected against freezing.

8. Exposure Controls and Personal Protection

Components with workplace control parameters

phenol	OSHA	PEL 5 ppm 19 mg/m3 ; Skin Designation ; The substance can be absorbed through the skin.
	ACGIH	TWA value 5 ppm ; Skin Designation ; The substance can be absorbed through the skin.

Personal protective equipment

Respiratory protection:

Wear a NIOSH-certified (or equivalent) respirator as necessary.

Hand protection:

Wear chemical resistant protective gloves., Protective glove selection must be based on the user's assessment of the workplace hazards.

Eye protection:

Tightly fitting safety goggles (chemical goggles) and face shield.

Body protection:

Body protection must be chosen depending on activity and possible exposure, e.g. head protection, apron, protective boots, chemical-protection suit.

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General safety and hygiene measures:

Do not inhale gases/vapours/aerosols. Avoid contact with the skin, eyes and clothing. 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:	ammonia-like	
Odour threshold:	No data available.	
Colour:	black	
pH value:		not applicable
Density:	approx. 0.99 g/cm ³	(approx. 20 °C)
Solubility in water:		insoluble
Miscibility with water:		(20 °C) not soluble
Other Information:	If necessary, information on other physical and chemical parameters is indicated in this section.	

10. Stability and Reactivity

Conditions to avoid:

See MSDS section 7 - Handling and storage.

Substances to avoid:

zinc, aluminium, oxidizing agents, strong alkalis, acids

Hazardous reactions:

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

Decomposition products:

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

Thermal decomposition:

No decomposition if stored and handled as prescribed/indicated.

Corrosion to metals:

Corrosive effects to metal are not anticipated.

11. Toxicological information

Acute toxicity

Information on: 2,4,6-tris(dimethylaminomethyl)phenol

Assessment of acute toxicity:

Of moderate toxicity after single ingestion. EU-classification

Information on: phenol

Assessment of acute toxicity:

Of high toxicity after short-term inhalation. Of high toxicity after short-term skin contact. Of high toxicity after single ingestion. The substance can be absorbed through the skin.

Oral:

Information on: phenol

Type of value: LD50

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Species: rat

Value: 650 mg/kg

Literature data. The European Union (EU) has classified this substance as 'toxic'.

Dermal:

Information on: phenol

Type of value: LD50

Species: rat

Value: 525 mg/kg

Literature data. The European Union (EU) has classified this substance as 'toxic'.

Information on: 2,4,6-tris(dimethylaminomethyl)phenol

Irritation / corrosion

Information on: 2,4,6-tris(dimethylaminomethyl)phenol

Assessment of irritating effects:

Eye contact causes irritation. Skin contact causes irritation.

Information on: phenol

Assessment of irritating effects:

Corrosive! Damages skin and eyes. May cause severe damage to the eyes.

Information on: 3,6,9-triazaundecamethylene-1,11-diamine

Assessment of irritating effects:

Eye contact causes irritation. Skin contact causes irritation.

Sensitization:

Can sensitize the skin and/or respiratory tract of allergic persons. May produce an allergic reaction.

Repeated dose toxicity

Information on: phenol

Assessment of repeated dose toxicity:

Repeated inhalation exposure may affect certain organs. Repeated dermal exposure may affect certain organs.

Repeated oral exposure may affect certain organs.

Other Information:

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses. The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

Information on: phenol

development of pulmonary edema

12. Ecological Information

Other adverse effects:

Ecological data are not available.

Acutely toxic for aquatic organisms. May cause long-term adverse effects in the aquatic environment. Do not allow to enter drains or waterways. The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

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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

Hazard class: 8
Packing group: III
ID number: UN 2735
Hazard label: 8, EHSM
Proper shipping name: AMINES, LIQUID, CORROSIVE, N.O.S. (contains 3,6,9-TRIAZAUNDECAMETHYLENEDIAMINE, 2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL)

Sea transport

IMDG

Hazard class: 8
Packing group: III
ID number: UN 2735
Hazard label: 8, EHSM
Marine pollutant: YES
Proper shipping name: AMINES, LIQUID, CORROSIVE, N.O.S. (contains 3,6,9-TRIAZAUNDECAMETHYLENEDIAMINE, 2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL)

Air transport

IATA/ICAO

Hazard class: 8
Packing group: III
ID number: UN 2735
Hazard label: 8
Proper shipping name: AMINES, LIQUID, CORROSIVE, N.O.S. (contains 3,6,9-TRIAZAUNDECAMETHYLENEDIAMINE, 2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL)

15. Regulatory Information

Federal Regulations

Registration status:

Chemical DSL, CA released / listed

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WHMIS classification: D1B: Materials Causing Immediate and Serious Toxic Effects - Toxic material



D2B: Materials Causing Other Toxic Effects - Toxic material



E: Corrosive 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

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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END OF DATA SHEET