

Safety Data Sheet

POZZOLITH 210

Revision date : 2012/01/12
Version: 1.2

Page: 1/6
(30368196/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

IRRITANT.
MAY CAUSE EYE IRRITATION.
MAY CAUSE SKIN IRRITATION.

State of matter: liquid
Colour: dark brown
Odour: odourless

Potential health effects

Acute toxicity:

Ingestion may cause gastrointestinal disturbances. The product has not been tested. The statement has been derived from the properties of the individual components.

Chronic toxicity:

Repeated dose toxicity: The substance may cause damage to the upper respiratory tract even after repeated inhalation, as shown in animal studies. Repeated oral exposure may affect certain organs. May affect the liver and kidneys as indicated in animal studies. The product has not been tested. The statement has been derived from the properties of the individual components.

Reproductive toxicity: The chemical structure does not suggest such an effect. The product has not been tested. The statement has been derived from the properties of the individual components.

Teratogenicity: The chemical structure does not suggest such an effect. The product has not been tested. The statement has been derived from the properties of the individual components.

Genotoxicity: The chemical structure does not suggest a specific alert for such an effect. The product has not been tested. The statement has been derived from the properties of the individual components.

Potential environmental effects

Safety Data Sheet

POZZOLITH 210

Revision date : 2012/01/12
Version: 1.2

Page: 2/6
(30368196/SDS_GEN_CA/EN)

Aquatic toxicity:

At the present state of knowledge, no negative ecological effects are expected. There is a high probability that the product is not acutely harmful to aquatic organisms. The product has not been tested. The statement has been derived from products of a similar structure or composition.

Bioaccumulation / bioconcentration:

Discharge into the environment must be avoided.

3. Composition / Information on Ingredients

| <u>CAS Number</u> | <u>Content (W/W)</u> | <u>Hazardous ingredients</u> |
|-------------------|----------------------|------------------------------|
| 102-71-6 | >= 3.0 - <= 7.0 % | 2,2',2"-nitrilotriethanol |
| 111-42-2 | >= 0.1 - <= 1.0 % | 2,2'-iminodiethanol |

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.

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: | Non-flammable. |
| Autoignition: | not applicable |
| Lower explosion limit: | not applicable |

Suitable extinguishing media:

foam, water spray, dry powder, carbon dioxide

Unsuitable extinguishing media for safety reasons:

water jet

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.

Safety Data Sheet

POZZOLITH 210

Revision date : 2012/01/12
Version: 1.2

Page: 3/6
(30368196/SDS_GEN_CA/EN)

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.

Storage

General advice:

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

Temperature tolerance

Protect from temperatures below: 5 °C

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

8. Exposure Controls and Personal Protection

Components with workplace control parameters

2,2',2"-nitrioltriethanol

ACGIH TWA value 5 mg/m3 ;

2,2'-iminodiethanol

ACGIH TWA value 1 mg/m3 Inhalable fraction and vapor ;
Skin Designation Inhalable fraction and vapor ;
The substance can be absorbed through the skin.

Personal protective equipment

Respiratory protection:

When workers are facing concentrations above the occupational exposure limits they must use appropriate certified respirators.

Hand protection:

Wear chemical resistant protective gloves.

Eye protection:

Safety glasses with side-shields.

Safety Data Sheet

POZZOLITH 210

Revision date : 2012/01/12
Version: 1.2

Page: 4/6
(30368196/SDS_GEN_CA/EN)

Body protection:

depending upon conditions of use., Cover as much of the exposed skin as possible to prevent all skin contact., light 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: | odourless | |
| Odour threshold: | No data available. | |
| Colour: | dark brown | |
| pH value: | 6 - 11 | |
| Boiling point: | 120 °C | |
| Density: | 1.125 - 1.155 | (25 °C) |
| | g/cm3 | |
| Solubility in water: | | soluble |
| Miscibility with water: | | completely (e.g. >=90%) |
| Solubility in other solvents: | | soluble |

10. Stability and Reactivity

Conditions to avoid:

Avoid extreme temperatures.

Substances to avoid:

strong acids, strong bases, strong oxidizing agents

Hazardous reactions:

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

Decomposition products:

carbon oxides, nitrogen oxides

Thermal decomposition:

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

Acute toxicity

Information on: 2,2'-iminodiethanol

Assessment of acute toxicity:

Of moderate toxicity after single ingestion. Virtually nontoxic after a single skin contact. The substance can be absorbed through the skin. Inhalation-risk test (IRT): The inhalation of a highly saturated vapor-air-mixture represents no acute hazard (mortality after an hour or later).

Irritation / corrosion

Information on: 2,2'-iminodiethanol

Safety Data Sheet

POZZOLITH 210

Revision date : 2012/01/12
Version: 1.2

Page: 5/6
(30368196/SDS_GEN_CA/EN)

*Assessment of irritating effects:
Skin contact causes irritation. May cause severe damage to the eyes.*

Repeated dose toxicity

*Information on: 2,2',2"-nitrioltriethanol
Assessment of repeated dose toxicity:
May affect the liver and kidneys as indicated in animal studies.*

*Information on: 2,2'-iminodiethanol
Assessment of repeated dose toxicity:
Repeated oral exposure may affect certain organs.
The substance may cause damage to the upper respiratory tract even after repeated inhalation, as shown in animal studies.*

Carcinogenicity

*Information on: 2,2',2"-nitrioltriethanol
Under certain conditions the substance can form nitrosamines. Nitrosamines are carcinogenic in animal studies.
The substance showed no carcinogenic activity in animals after chronic administration to the skin.*

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 products of a similar structure and composition.

12. Ecological Information

Degradability / Persistence Biological / Abiological Degradation

Evaluation: Inherently biodegradable.
The insoluble fraction can be removed by mechanical means in suitable waste water treatment plants.

Other adverse effects:

Ecological data are not available. Do not allow to enter soil, waterways or waste water channels.

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

Safety Data Sheet

POZZOLITH 210

Revision date : 2012/01/12
Version: 1.2

Page: 6/6
(30368196/SDS_GEN_CA/EN)

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

15. Regulatory Information

Federal Regulations

Registration status:

Chemical DSL, CA released / 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

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.

MSDS Prepared by:

BASF NA Product Regulations
msds@basf.com
BASF HOTLINE (800) 454 – COPE (2673)
MSDS Prepared on: 2012/01/12

END OF DATA SHEET