

Safety data sheet

HYDROZO DOUBLE 7 VOC CLEAR

Revision date : 2009/06/25
Version: 1.0

Page: 1/6
(30367857/SDS_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)

2. Hazardous ingredients

| <u>CAS Number</u> | <u>Content (W/W)</u> | <u>Hazardous ingredients</u> |
|-------------------|----------------------|-------------------------------|
| 64-17-5 | >= 0.1 - <= 1.0 % | Ethanol |
| 67-63-0 | >= 30.0 - <= 60.0 % | propan-2-ol |
| 546-68-9 | >= 0.5 - <= 1.5 % | 2-Propanol, titanium(4+) salt |

3. Hazard identification

Emergency overview

FLAMMABLE. IRRITANT. Irritating to eyes and skin.
Contains a suspect carcinogen.
Contains a suspect teratogen.

Potential health effects

Acute toxicity:

Information on: propan-2-ol

Of low toxicity after single ingestion.

Virtually nontoxic by inhalation.

Virtually nontoxic after a single skin contact.

Inhalation-risk test (IRT): No mortality within 7 hours as shown in animal studies. The inhalation of a highly saturated vapor-air mixture represents no acute hazard.

Vapours may cause drowsiness and dizziness.

High concentrations in the air may cause narcosis.

If used as intended, this product is not expected to present a physical or health hazard.

Repeated dose toxicity:

Overexposure may cause CNS depression including headache, dizziness, nausea and loss of consciousness.

Safety data sheet

HYDROZO DOUBLE 7 VOC CLEAR

Revision date : 2009/06/25

Version: 1.0

Page: 2/6

(30367857/SDS_GEN_CA/EN)

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:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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.

Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.

5. Fire-fighting measures

| | |
|------------------------|-----------|
| Flash point: | 11.67 °C |
| Autoignition: | 398.89 °C |
| Lower explosion limit: | 2.0 %(V) |
| Upper explosion limit: | 12.7 %(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:

Remove product from areas of fire, or otherwise cool containers with water in order to avoid pressure build up due to heat. 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. Sources of ignition should be kept well clear. 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.

Safety data sheet

HYDROZO DOUBLE 7 VOC CLEAR

Revision date : 2009/06/25

Version: 1.0

Page: 3/6

(30367857/SDS_GEN_CA/EN)

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:

Keep away from heat. Prevent electrostatic charge - sources of ignition should be kept well clear - fire extinguishers should be kept handy.

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.

Storage incompatibility:

General: Segregate from metals. Segregate from lyes. Segregate from oxidants. Segregate from foods and animal feeds.

8. Exposure controls and personal protection

Components with workplace control parameters

| | | |
|-------------|-------|--|
| propan-2-ol | OSHA | PEL 400 ppm 980 mg/m ³ ; |
| | ACGIH | TWA value 200 ppm ; STEL value 400 ppm ; |

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., Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection:

Tightly fitting safety goggles (chemical goggles).

Body protection:

Body protection must be chosen based on level of activity and exposure.

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).

Safety data sheet

HYDROZO DOUBLE 7 VOC CLEAR

Revision date : 2009/06/25
Version: 1.0

Page: 4/6
(30367857/SDS_GEN_CA/EN)

9. Physical and chemical properties

| | | |
|--|--------------------|--------------------|
| Form: | liquid | |
| Odour: | alcohol-like | |
| Odour threshold: | No data available. | |
| Colour: | clear | |
| pH value: | | not applicable |
| Boiling range: | 82.22 - 104.44 °C | |
| Vapour pressure: | | No data available. |
| Relative density: | 0.832 | |
| Vapour density: | | Heavier than air. |
| Partitioning coefficient n-octanol/water (log Pow): | | No data available. |
| Viscosity, dynamic: | | No data available. |
| % volatiles: | 600 g/l | |
| Solubility in other solvents: | | partly soluble |

10. Stability and reactivity

Substances to avoid:

strong oxidizing agents, strong bases, strong acids

Hazardous reactions:

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

Decomposition products:

irritant gases/vapours, carbon oxides

11. Toxicological information

Carcinogenicity:

Information on: Ethanol

Developmental toxicity/teratogenicity:

Information on: Ethanol

The potential to cause toxicity to development cannot be excluded when given in high doses.

A teratogenic potential cannot be excluded.

12. Ecological information

Environmental toxicity

Other ecotoxicological advice:

No data available for the preparation. Do not discharge product into the environment without control.

13. Disposal considerations

Waste disposal of substance:

Do not discharge substance/product into sewer system.
Dispose of in accordance with local authority regulations.

Safety data sheet

HYDROZO DOUBLE 7 VOC CLEAR

Revision date : 2009/06/25
Version: 1.0

Page: 5/6
(30367857/SDS_GEN_CA/EN)

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: 3
Packing group: II
ID number: UN 1993
Hazard label: 3
Proper shipping name: FLAMMABLE LIQUID, N.O.S. (contains ISOPROPANOL, TETRAISOPROPYL-ORTHO-TITANATE (TYZOR))

Sea transport

IMDG

Hazard class: 3
Packing group: II
ID number: UN 1993
Hazard label: 3
Marine pollutant: NO
Proper shipping name: FLAMMABLE LIQUID, N.O.S. (contains ISOPROPANOL, TETRAISOPROPYL-ORTHO-TITANATE (TYZOR))

Air transport

IATA/ICAO

Hazard class: 3
Packing group: II
ID number: UN 1993
Hazard label: 3
Proper shipping name: FLAMMABLE LIQUID, N.O.S. (contains ISOPROPANOL, TETRAISOPROPYL-ORTHO-TITANATE (TYZOR))

15. Regulatory information

Federal Regulations

Registration status:

DSL, CA released / listed

WHMIS classification: B2: Flammable Liquid

D2A: Materials Causing Other Toxic Effects - Very toxic 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.

Safety data sheet

HYDROZO DOUBLE 7 VOC CLEAR

Revision date : 2009/06/25

Version: 1.0

Page: 6/6

(30367857/SDS_GEN_CA/EN)

16. Other information

Local contact information

BASF Construction Chemicals

bcc_prps@basf.com

END OF DATA SHEET