

Safety Data Sheet

MasterSet DELVO also Delvo Stabilizer

Revision date : 2014/02/27

Version: 2.0

Page: 1/7

(30605455/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)

Chemical family: No data available.

2. Hazards Identification

Emergency overview

IRRITANT.
Irritating to eyes and skin.
CONTAINS MATERIAL WHICH MAY CAUSE CANCER.

State of matter: liquid
Colour: red
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.

Irritation / corrosion:

Skin contact causes slight irritation.

Chronic toxicity:

Repeated dose toxicity: No reliable data was available concerning repeated dose toxicity. Based on available Data, the classification criteria are not met.

Reproductive toxicity: The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

Teratogenicity: The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

Safety Data Sheet

MasterSet DELVO also Delvo Stabilizer

Revision date : 2014/02/27

Page: 2/7

Version: 2.0

(30605455/SDS_GEN_CA/EN)

Genotoxicity: The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

Signs and symptoms of overexposure:

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Potential environmental effects

Aquatic toxicity:

Based on available Data, the classification criteria are not met. There is a high probability that the product is not acutely harmful to aquatic organisms.

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>
6419-19-8	>= 1.0 - <= 5.0 %	Phosphonic acid, [nitrilotris(methylene)]tris-
88-06-2	>= 0.1 - <= 1.0 %	2,4,6-trichlorophenol

4. First-Aid Measures

If inhaled:

Keep patient calm, remove to fresh air, seek medical attention.

If on skin:

Wash thoroughly with soap and water.

If in eyes:

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

If swallowed:

Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.

Note to physician

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-Fighting Measures

Flash point:

A flash point determination is unnecessary due to the high water content.

Autoignition:

Based on the water content the product does not ignite.

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

Safety Data Sheet

MasterSet DELVO also Delvo Stabilizer

Revision date : 2014/02/27

Page: 3/7

Version: 2.0

(30605455/SDS_GEN_CA/EN)

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.

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

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

MasterSet DELVO also Delvo Stabilizer

Revision date : 2014/02/27
Version: 2.0

Page: 4/7
(30605455/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:	red	
pH value:	3.5	(20 °C)
Freezing point:	-3 °C	
Boiling point:	105 °C	
<i>Information on: Water</i>		
Boiling point:	100 °C	

Vapour pressure:	0.0227 ATM	contains water, negligible
Density:	1.061 - 1.075 g/cm ³	(20 °C)
Vapour density:		Heavier than air.
Partitioning coefficient n-octanol/water (log Pow):		not applicable
Viscosity, dynamic:		not determined
Solubility in water:		(20 °C) soluble
Miscibility with water:		(20 °C) soluble
Other Information:	If necessary, information on other physical and chemical parameters is indicated in this section.	

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:

Possible decomposition products: phosphines, carbon oxides

Thermal decomposition:

No decomposition if stored and handled as prescribed/indicated.

Corrosion to metals:

Corrosive effect on: mild steel aluminum The product is not to be labelled as corrosive for transport purposes.

11. Toxicological information

Safety Data Sheet

MasterSet DELVO also Delvo Stabilizer

Revision date : 2014/02/27
Version: 2.0

Page: 5/7
(30605455/SDS_GEN_CA/EN)

Acute toxicity

Information on: Phosphonic acid, [nitrilotris(methylene)]tris-
Assessment of acute toxicity:
Of low toxicity after single ingestion. Virtually nontoxic after a single skin contact.

Information on: 2,4,6-trichlorophenol
Assessment of acute toxicity:
Of moderate toxicity after single ingestion. Of moderate toxicity after short-term skin contact.

Irritation / corrosion

Information on: Phosphonic acid, [nitrilotris(methylene)]tris-
Assessment of irritating effects:
Eye contact causes irritation. Skin contact causes irritation.

Information on: 2,4,6-trichlorophenol
Assessment of irritating effects:
Skin contact causes irritation. May cause severe damage to the eyes.

Genetic toxicity

Information on: 2,4,6-trichlorophenol
The substance was not mutagenic in bacteria. The substance was mutagenic in a mammalian cell culture test system. The substance was mutagenic in studies with mammals.

Carcinogenicity

Information on: 2,4,6-trichlorophenol
The substance caused cancer in animal studies.

Other Information:

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

12. Ecological Information

Fish

Acute:
Salmo gairdneri, syn. O. mykiss/LC0 (96 h): 5,000 mg/l

Aquatic invertebrates

Acute:
Daphnia magna/LC0 (48 h): 400 mg/l

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.

Safety Data Sheet

MasterSet DELVO also Delvo Stabilizer

Revision date : 2014/02/27
Version: 2.0

Page: 6/7
(30605455/SDS_GEN_CA/EN)

13. Disposal considerations

Waste disposal of substance:

Recommendations: Use excess product in an alternate beneficial application. 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

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



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.

16. Other Information

Recommended use: for industrial and professional users

Safety Data Sheet

MasterSet DELVO also Delvo Stabilizer

Revision date : 2014/02/27

Page: 7/7

Version: 2.0

(30605455/SDS_GEN_CA/EN)

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.

SDS Prepared by:

BASF NA Product Regulations

BASF HOTLINE (800) 454 – COPE (2673)

SDS Prepared on: 2014/02/27

END OF DATA SHEET