

# Safety Data Sheet

## MasterSure 1390 also PS1390

Revision date : 2012/02/16

Version: 2.1

Page: 1/6

(30605631/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.  
Irritating to eyes and skin.

State of matter: liquid  
Colour: dark brown  
Odour: slight odour

Potential health effects**Acute toxicity:**

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

**Irritation / corrosion:**

Irritating to eyes and skin.

**Sensitization:**

There is no evidence of a skin-sensitizing potential.

Potential environmental effects**Aquatic toxicity:**

The product has not been tested.

### 3. Composition / Information on Ingredients

CAS Number

126-73-8  
64-19-7

Content (W/W)

$\geq 3.0 - \leq 7.0$  %  
 $\geq 1.0 - \leq 5.0$  %

Hazardous ingredients

tributyl phosphate  
Acetic acid

# Safety Data Sheet

## MasterSure 1390 also PS1390

Revision date : 2012/02/16  
Version: 2.1

Page: 2/6  
(30605631/SDS\_GEN\_CA/EN)

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### 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.

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### 5. Fire-Fighting Measures

**Flash point:**

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

**Lower explosion limit:**

No data available.

**Upper explosion limit:**

No data available.

**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.

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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.

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# Safety Data Sheet

## MasterSure 1390 also PS1390

Revision date : 2012/02/16

Version: 2.1

Page: 3/6

(30605631/SDS\_GEN\_CA/EN)

### 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

Acetic acid	OSHA	PEL 10 ppm 25 mg/m3 ;
	ACGIH	TWA value 10 ppm ; STEL value 15 ppm ;
tributyl phosphate	OSHA	PEL 5 mg/m3 ;
	ACGIH	TWA value 0.2 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.

##### **Eye protection:**

Safety glasses with side-shields.

##### **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:	aqueous solution	
Odour:	slight odour	
Odour threshold:	No data available.	
Colour:	dark brown	
pH value:	4.8	( 22 °C)
Density:	0.997 g/cm3	( 20 °C)
Vapour density:	No data available.	

# Safety Data Sheet

## MasterSure 1390 also PS1390

Revision date : 2012/02/16

Page: 4/6

Version: 2.1

(30605631/SDS\_GEN\_CA/EN)

Solubility in water:	( 15 °C)	partly soluble
Miscibility with water:	( 15 °C)	partly miscible

## 10. Stability and Reactivity

### Conditions to avoid:

Avoid extreme temperatures.

### Substances to avoid:

strong bases, strong acids, oxidizing agents

### 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.

### Oxidizing properties:

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

## 11. Toxicological information

### Acute toxicity

*Information on: tributyl phosphate*

*Assessment of acute toxicity:*

*Of moderate toxicity after single ingestion. Virtually nontoxic by inhalation. Virtually nontoxic after a single skin contact.*

*Information on: Acetic acid*

*Assessment of acute toxicity:*

*The toxicity of the product is based on its corrosivity.*

*Of low toxicity after single ingestion. Of moderate toxicity after short-term skin contact. Of moderate toxicity after short-term inhalation.*

### Irritation / corrosion

*Information on: tributyl phosphate*

*Assessment of irritating effects:*

*Skin contact causes irritation. Not irritating to the eyes.*

*Information on: Acetic acid*

*Assessment of irritating effects:*

*Highly corrosive! Damages skin and eyes.*

### Repeated dose toxicity

*Information on: tributyl phosphate*

*Assessment of repeated dose toxicity:*

*The substance may cause damage to the liver after repeated ingestion. The substance may cause damage to the kidney after repeated ingestion.*

*Information on: Acetic acid*

*Assessment of repeated dose toxicity:*

*After repeated administration the prominent effect is the induction of corrosion.*

# Safety Data Sheet

## MasterSure 1390 also PS1390

Revision date : 2012/02/16  
Version: 2.1

Page: 5/6  
(30605631/SDS\_GEN\_CA/EN)

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### Carcinogenicity

*Information on: tributyl phosphate*  
*Indication of possible carcinogenic effect in animal tests.*

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### Experiences in humans:

According to experience, the product is considered to be harmless to health if used in the correct manner.

### Other Information:

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

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## 12. Ecological Information

### Other adverse effects:

The product has not been tested. Do not allow to enter soil, waterways or waste water channels.

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## 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.

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## 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

# Safety Data Sheet

## MasterSure 1390 also PS1390

Revision date : 2012/02/16  
Version: 2.1

Page: 6/6  
(30605631/SDS\_GEN\_CA/EN)

**Registration status:**

Chemical DSL, CA released / listed

**WHMIS classification:** 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.**

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### 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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**MSDS Prepared by:**

BASF NA Product Regulations

BASF HOTLINE (800) 454 – COPE (2673)

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