

# Safety Data Sheet

## ASSIST

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Version: 1.0

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(30058760/SDS\_CPA\_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

NO PARTICULAR HAZARDS KNOWN.

State of matter: liquid  
Colour: clear  
Odour: mild

#### Potential health effects

**Medical conditions aggravated by overexposure:**  
See MSDS section 11 - Toxicological information.

### 3. Composition / Information on Ingredients

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Hazardous ingredients</u>
64741-88-4	60.0 - 100.0 %	Distillates (petroleum), solvent-refined heavy paraffinic
64741-89-5	10.0 - 30.0 %	Distillates (petroleum), solvent-refined light paraffinic

### 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. Consult a physician.

**If in eyes:**  
Flush with copious amounts of water for at least 15 minutes. Consult a physician.

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**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.

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### 5. Fire-Fighting Measures

Flash point: > 190 °C (DIN ISO 2592)  
Autoignition: 354 °C

**Suitable extinguishing media:**

water spray, water fog, carbon dioxide, foam, dry extinguishing media

**Protective equipment for fire-fighting:**

Wear a self-contained breathing apparatus in confined areas or when exposed to combustion products.

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### 6. Accidental release measures

**Cleanup:**

For small amounts: Pick up with suitable absorbent material.

For large amounts: Spills should be contained and placed in suitable containers for disposal.

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### 7. Handling and Storage

**Handling**

**General advice:**

Avoid contact with the skin, eyes and clothing. Avoid inhalation of dusts/mists/vapours. Protect against heat.

**Storage**

**Storage incompatibility:**

General advice: Segregate from strong oxidizing agents.

**Temperature tolerance**

Protect from temperatures below: 0 °C

Protect from temperatures above: 40 °C

Changes in the properties of the product may occur if substance/product is stored above indicated temperature for extended periods of time.

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### 8. Exposure Controls and Personal Protection

Users of a pesticidal product should refer to the product label for personal protective equipment requirements.

**Advice on system design:**

Provide local exhaust ventilation to control vapours/mists.

**Personal protective equipment**

**Respiratory protection:**

Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator as needed.

**Hand protection:**

Wear chemical resistant protective gloves.

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### Eye protection:

Tightly fitting safety goggles (chemical goggles). Wear face shield if splashing hazard exists.

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## 9. Physical and Chemical Properties

Form:	liquid	
Odour:	mild	
Odour threshold:	No data available.	
Colour:	clear	
pH value:	4.8	( 20 °C)
Density:	0.89 g/cm3	( 20 °C)
Bulk density:		dropped
Partitioning coefficient n-octanol/water (log Pow):		not applicable

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## 10. Stability and Reactivity

### Substances to avoid:

strong oxidizing agents

### Decomposition products:

Hazardous decomposition products: carbon monoxide

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## 11. Toxicological information

### Acute toxicity

#### Oral:

*Information on: Distillates (petroleum), solvent-refined heavy paraffinic*

*Type of value: LD50*

*Species: rat*

*Value: > 5,000 mg/kg (OECD Guideline 401)*

*Information on: Distillates (petroleum), solvent-refined light paraffinic*

*Type of value: LD50*

*Species: rat*

*Value: > 5,000 mg/kg (OECD Guideline 401)*

*Analogous: Assessment derived from products with similar chemical character.*

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#### Inhalation:

*Information on: Distillates (petroleum), solvent-refined heavy paraffinic*

*Type of value: LC50*

*Species: rat*

*Value: 2.18 mg/l (OECD Guideline 403)*

*Exposure time: 4 h*

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#### Dermal:

*Information on: Distillates (petroleum), solvent-refined heavy paraffinic*

*Type of value: LD50*

*Species: rabbit*

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Value: > 5,000 mg/kg (OECD Guideline 402)

*Information on: Distillates (petroleum), solvent-refined light paraffinic*

*Type of value: LD50*

*Species: rabbit*

*Value: > 5,000 mg/kg (OECD Guideline 402)*

*Analogous: Assessment derived from products with similar chemical character.*

### **Irritation / corrosion:**

#### **Skin:**

*Information on: Distillates (petroleum), solvent-refined heavy paraffinic*

*Species: rabbit*

*Result: non-irritant*

*Method: OECD Guideline 404*

*Literature data.*

#### **Eye:**

*Information on: Distillates (petroleum), solvent-refined heavy paraffinic*

*Species: rabbit*

*Result: non-irritant*

*Method: OECD Guideline 405*

*Literature data.*

*Information on: Distillates (petroleum), solvent-refined light paraffinic*

*Species: rabbit*

*Result: non-irritant*

*Method: OECD Guideline 405*

*Analogous: Assessment derived from products with similar chemical character.*

*Literature data.*

#### **Sensitization:**

*Information on: Distillates (petroleum), solvent-refined heavy paraffinic*

*Guinea pig maximization test*

*Species: guinea pig*

*Result: Non-sensitizing.*

*Method: OECD Guideline 406*

*Information on: Distillates (petroleum), solvent-refined light paraffinic*

*Guinea pig maximization test*

*Species: guinea pig*

*Result: Non-sensitizing.*

*Method: OECD Guideline 406*

*Analogous: Assessment derived from products with similar chemical character.*

#### **Other Information:**

Misuse can be harmful to health.

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## 12. Ecological Information

### **Fish**

*Information on: Distillates (petroleum), solvent-refined light paraffinic*

*Acute:*

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OECD Guideline 203 semistatic  
*Oncorhynchus mykiss*/LC50 (96 h): > 5,000 mg/l  
The product has not been tested. The statement has been derived from products of a similar structure and composition. The product has low solubility in the test medium. An aqueous dispersion has been tested.  
semistatic  
*Salmo gairdneri*, syn. *O. mykiss*/LC50 (96 h): > 1,000 mg/l  
Limit concentration test only (LIMIT test). No mortality was observed.

### Aquatic invertebrates

Acute:  
*Daphnia* sp./LC50: 0.1111 mg/l

### Aquatic plants

Information on: Distillates (petroleum), solvent-refined light paraffinic  
Toxicity to aquatic plants:  
OECD Guideline 201 static  
green algae/No observed effect concentration (96 h): 1,000 mg/l  
Limit concentration test only (LIMIT test).

### Degradability / Persistence Biological / Abiological Degradation

Information on: Distillates (petroleum), solvent-refined heavy paraffinic  
Test method: Directive 84/449/EEC, C.5 (aerobic),  
Method of analysis: CO<sub>2</sub> formation relative to the theoretical value  
Degree of elimination: 5 - 26 % (28 d)

Information on: Distillates (petroleum), solvent-refined light paraffinic  
Test method: Directive 84/449/EEC, C.5 (aerobic), activated sludge, domestic  
Method of analysis: CO<sub>2</sub> formation relative to the theoretical value  
Degree of elimination: 0 - 30 % (28 d)  
Test method: OECD 301B; ISO 9439; 92/69/EEC, C.4-C (aerobic),  
Method of analysis: CO<sub>2</sub> formation relative to the theoretical value  
Degree of elimination: 22 - 29 % (28 d)  
Evaluation: Not readily biodegradable (by OECD criteria).  
Evaluation: Moderately/partially biodegradable.  
Not readily biodegradable (by OECD criteria).  
The product has not been tested. The statement has been derived from products of a similar structure and composition.  
Not readily biodegradable (by OECD criteria).  
Moderately/partially biodegradable.

### Other adverse effects:

Do not discharge product into the environment without control.

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## 13. Disposal considerations

**Waste disposal of substance:**  
Dispose of in a licensed facility. Observe all local regulations.

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## 14. Transport Information

Reference Bill of Lading

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### 15. Regulatory Information

#### Federal Regulations

**Registration status:**

Crop Protection      DSL, CA      released / exempt

Chemical              DSL, CA      released; restriction on quantity / not listed

WHMIS does not apply to this product.

**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

BASF supports 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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**Local Contact Information**  
BASF Canada Product Safety  
basis\_team\_apn@basf.com

END OF DATA SHEET