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)

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Synonyms: Not available. Use: raw material

2. Hazards Identification

Emergency overview

NO PARTICULAR HAZARDS KNOWN.

State of matter: liquid
Colour: clear
Odour: mild, almost odourless

Potential health effects

Acute toxicity:
Virtually nontoxic after a single ingestion.

Irritation / corrosion:
Not irritating to eyes and skin.

Sensitization:
No data available.

Chronic toxicity:

Repeated dose toxicity: No data available.

Medical conditions aggravated by overexposure:
Data available do not indicate that there are medical conditions that are generally recognized as being aggravated by exposure to this substance/product.

Signs and symptoms of overexposure:
No significant symptoms are expected due to the non-classification of the product.
3. Composition / Information on Ingredients

Not WHMIS controlled.

4. First-Aid Measures

General advice:
Remove contaminated clothing.

If inhaled:
Keep patient calm, remove to fresh air, seek medical attention. Assist in breathing if necessary.

If on skin:
Wash thoroughly with soap and water.

If irritation develops, seek medical attention.

If in eyes:
Wash affected eyes for at least 15 minutes under running water with eyelids held open.

If swallowed:
Consult a physician.

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

5. Fire-Fighting Measures

Flash point: 249 °C (ASTM D92)
Lower explosion limit: No data available.
Upper explosion limit: No data available.

Suitable extinguishing media:
water spray, dry powder, foam

Hazards during fire-fighting:
unburned hydrocarbons, carbon oxides

Protective equipment for fire-fighting:
Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

Further information:
Contaminated extinguishing water must be disposed of in accordance with official regulations.

6. Accidental release measures

Personal precautions:
Use personal protective clothing. Information regarding personal protective measures see, section 8.

Environmental precautions:
Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.
Cleanup:
For small amounts: Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder). Dispose of absorbed material in accordance with regulations.
For large amounts: Pump off product.

Further information:
High risk of slipping due to leakage/spillage of product.

7. Handling and Storage

Handling
General advice:
No special measures necessary provided product is used correctly.

Protection against fire and explosion:
No special precautions necessary.

Storage
General advice:
Keep container tightly closed and in a cool place.

8. Exposure Controls and Personal Protection

Advice on system design:
Provide local exhaust ventilation to control vapours/mists.

Personal protective equipment
Respiratory protection:
Respiratory protection not required.

Hand protection:
Chemical resistant protective gloves

Eye protection:
Safety glasses with side-shields.

General safety and hygiene measures:
Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice. Wash soiled clothing immediately.

9. Physical and Chemical Properties

Form: liquid
Odour: mild, almost odourless
Odour threshold: No data available.
Colour: clear
pH value: 4.5 - 7.5
Freezing point: approx. 20 °C (1,013 hPa)
Boiling point: > 300 °F
Vapour pressure: < 0.35 mmHg (20 °C)
Density: 1.125 g/cm3 (20 - 25 °C)
Bulk density: 1,130 kg/m3
Viscosity, dynamic: 10.8 mPa.s (99 °C)
Solubility in water: completely soluble
10. Stability and Reactivity

**Conditions to avoid:**
See MSDS section 7 - Handling and storage.

**Substances to avoid:**
atmospheric moisture

**Hazardous reactions:**
No hazardous reactions when stored and handled according to instructions.

**Decomposition products:**
Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

**Thermal decomposition:**
No data available.

**Corrosion to metals:**
No corrosive effect on metal.

11. Toxicological information

**Acute toxicity**

**Oral:**
Type of value: LD50
Species: rat
Value: > 2,000 mg/kg

**Dermal:**
Type of value: ATE
Value: > 5,000 mg/kg

**Irritation / corrosion**

**Skin:**
Species: rabbit
Result: non-irritant
Method: Draize test

**Eye:**
Species: rabbit
Result: non-irritant
Method: Draize test

**Other Information:**
The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

12. Ecological Information

**Fish**

**Acute:**
Leuciscus idus/LC50 (96 h): > 100 mg/l

**Microorganisms**
Toxicity to microorganisms:
DEVL2: > 1,000 mg/l

Degradability / Persistence
Biological / Abiological Degradation
Test method: OECD 301 A (new version)
Method of analysis: DOC reduction
Degree of elimination: > 70 % (13 d)
Evaluation: Readily biodegradable.

Other adverse effects:
Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

13. Disposal considerations

Waste disposal of substance:
Must be disposed of or incinerated in accordance with local regulations.

Container disposal:
Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

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 / listed
Cosmetic DSL, CA released / listed
Pharma DSL, CA released / listed

Not WHMIS controlled.
16. Other Information

Recommended use: surfactant
Suitable for use in industrial sector: chemical industry;

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.