

Safety data sheet

Basolan* AS-A 130kg PE-Drum, removable head

Revision date : 2005/12/29

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Version: 1.0

(30051377/MDS_GEN_CA/EN)

1. Substance/preparation and company identification

Company

BASF Canada
100 Milverton Drive, 5th Floor
Mississauga, ON L5R 4H1

24 Hour Emergency Response Information

CANUTEC (reverse charges): (613) 996-6666
BASF HOTLINE (800) 454-COPE (2673)

Chemical family: aliphatic dicarboxylic acids, complexing agents, in water

2. Hazardous ingredients

Not WHMIS controlled.

3. Hazard identification

Emergency overview

NO PARTICULAR HAZARDS KNOWN.

Potential health effects**Acute toxicity:**

Virtually nontoxic after a single ingestion.

Irritation:

Not irritating to the eyes. Not irritating to the skin.

4. First-aid measures

General advice:

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:

Wash thoroughly with soap and water.

If in eyes:

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

If swallowed:

Rinse mouth and then drink plenty of water.

Note to physician

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

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specific antidote.

5. Fire-fighting measures

Flash point:	> 100 °C	(DIN 51758)
Autoignition:	> 200 °C	(DIN 51794)
Flammability:	not self-igniting	

Suitable extinguishing media:

water, dry extinguishing media, foam

Hazards during fire-fighting:

harmful vapours

Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

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.

Environmental precautions:

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

Cleanup:

Place absorbed material in the same container as the spilled substance/product for disposal.

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.

7. Handling and storage

Handling**General advice:**

No special measures necessary provided product is used correctly.

Protection against fire and explosion:

Take precautionary measures against static discharges.

Storage**General advice:**

Keep container tightly closed and dry; store in a cool place.

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8. Exposure controls and personal protection

Personal protective equipment

Respiratory protection:

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

Hand protection:

Chemical resistant protective gloves

Eye protection:

Safety glasses with side-shields.

General safety and hygiene measures:

Handle in accordance with good industrial hygiene and safety practice. Wearing of closed work clothing is recommended. Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Form:	liquid
Odour:	product specific
Odour threshold:	No data available.
Colour:	colourless to slightly yellow
pH value:	4.8 - 5.4 (20 °C) (measured with the undiluted substance)
Freezing point:	approx. -10 °C
boiling temperature:	approx. 100 °C
Vapour pressure:	approx. 24 mbar (20 °C)
Density:	1.2 - 1.25 g/cm ³ (20 °C)
Viscosity, dynamic:	30 - 40 mPa.s (20 °C)
Miscibility with water:	miscible in all proportions

10. Stability and reactivity

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.

11. Toxicological information

Acute toxicity

Oral:

LD50/rat: > 5,000 mg/kg

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Skin irritation:

rabbit: non-irritant (Draize test)

Eye irritation :

rabbit: non-irritant (Draize test)

12. Ecological information

Environmental fate and transport

Biodegradation:

Test method: OECD 302B; ISO 9888; 88/302/EEC, part C

Method of analysis: COD reduction

Degree of elimination: 30 - 70 %

Evaluation: Moderately/partially eliminated from water.

Chemical oxygen demand (COD):

240 mg/g

Biochemical oxygen demand (BOD):

: 75 mg/g

Adsorbable organically-bound halogen (AOX):

This product contains no organically-bound halogen.

Environmental toxicity

Acute and prolonged toxicity to fish:

golden orfe/LC50 (96 h): > 500 mg/l

Acute toxicity to aquatic invertebrates:

EC50 (48 h): > 100 mg/l

Toxicity to microorganisms:

DEV-L2 : > 1,000 mg/l

Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations.

Other ecotoxicological advice:

Do not release untreated into natural waters. The product has not been tested. The statement has been derived from the properties of the individual components.

13. Disposal considerations

Waste disposal of substance:

Do not discharge into waterways or sewer systems without proper authorization.

Dispose of in accordance with local authority regulations.

Container disposal:

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

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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

15. Regulatory information

Federal Regulations**Registration status:**

DSL, CA

released / listed

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

Local contact informationBASF Canada Product Safety
289-360-1300

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END OF DATA SHEET