

Safety data sheet

Densodrin* S 1kg PE-Bottle

Revision date : 2007/01/24
Version: 1.0

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(30045816/MDS_GEN_CA/EN)

1. Substance/preparation and company identification

Company
BASF CANADA
100 Milverton Drive
Mississauga, ON L5R 4H1

24 Hour Emergency Response Information
CANUTEC (reverse charges): (613) 996-6666
BASF HOTLINE (800) 454-COPE (2673)

Chemical family: polysiloxane, anionic surfactants

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 eyes and skin.

4. First-aid measures

General advice:
Remove contaminated clothing.

If inhaled:
Keep patient calm, remove to fresh air. Assist in breathing if necessary. Consult a physician.

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.

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If swallowed:

Rinse mouth and then drink plenty of water.

Note to physician

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

5. Fire-fighting measures

Flash point: > 100 °C (DIN 51758)
Autoignition: > 200 °C (DIN 51794)

Suitable extinguishing media:

water spray, 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.

Further information:

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:

Spills should be contained, solidified, and placed in suitable containers 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:

No special precautions necessary.

Storage

General advice:

Keep container tightly closed and in a cool place.

Temperature tolerance

Protect from temperatures below: 0 °C

The packed product is destroyed at low temperatures or by frost.

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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. Wash soiled clothing immediately.

9. Physical and chemical properties

Form:	liquid	
Odour:	product specific	
Odour threshold:	No data available.	
Colour:	light cream	
pH value:	approx. 8	(100 g/l, 20 °C)
solidification temperature:	approx. 0 °C	
Boiling range:	approx. 100 °C	
Vapour pressure:	150 mbar	(50 °C)
	50 mbar	(20 °C)
Density:	0.94 g/cm ³	(20 °C)
Viscosity, dynamic:	approx. 2,000 mPa.s	(23 °C) (DIN EN ISO 2555)
Solubility in water:		miscible

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: > 2,000 mg/kg

Skin irritation:

rabbit: non-irritant (OECD Guideline 404)

Eye irritation :

rabbit: non-irritant (OECD Guideline 405)

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Chronic toxicity

Other information:

The product has not been tested. The statement has been derived from products of a similar structure and composition.

12. Ecological information

Environmental fate and transport

Biodegradation:

Method of analysis:	DOC reduction
Degree of elimination:	> 70 %
Evaluation:	Easily eliminated from water. The product can be virtually eliminated from water by abiotic processes e.g. adsorption onto activated sludge.

Environmental toxicity

Acute and prolonged toxicity to fish:

golden orfe/LC50 (96 h): 10 - 100 mg/l

Toxicity to microorganisms:

DEV-L2 activated sludge: > 1,000 mg/l

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

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

Hazard class:	9
Packing group:	III
ID number:	UN 3082

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Hazard label: 9
Marine pollutant: YES
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
contains (N-OLEOYL-SARCOSINE SODIUM SALT)

Air transport IATA/ICAO

Hazard class: 9
Packing group: III
ID number: UN 3082
Hazard label: 9
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
contains (N-OLEOYL-SARCOSINE SODIUM SALT)

15. Regulatory information

Federal Regulations

Registration status:
DSL, CA released / listed

Not WHMIS controlled.

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 information
BASF Canada Product Safety
safety_ecology_canada@basf.com

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END OF DATA SHEET