

Safety data sheet

Plurasafe[®] EnBio TC[®] S

Revision date : 2006/11/02
Version: 1.4

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(30276713/MDS_GEN_US/EN)

1. Substance/preparation and company identification

Company
BASF CORPORATION
100 Campus Drive
Florham Park, NJ 07932

24 Hour Emergency Response Information
CHEMTREC: 1-800-424-9300
BASF HOTLINE: 1-800-832-HELP

2. Composition/information on ingredients

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
	>= 95.0 %	Polyalkylene glycol

3. Hazard identification

Emergency overview

CAUTION: MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.
Use with local exhaust ventilation.
Wear protective clothing.
Wear chemical resistant protective gloves.
Wear safety glasses with side-shields.
Eye wash fountains and safety showers must be easily accessible.

Potential health effects

Primary routes of exposure

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquified gases.

Irritation:

Repeated exposure may cause skin dryness or cracking.

4. First-aid measures

General advice:

Immediately remove contaminated clothing.

If inhaled:

Keep patient calm, remove to fresh air. Assist in breathing if necessary. Seek medical attention.

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If on skin:

Wash affected areas thoroughly with soap and water. Seek medical attention.

If in eyes:

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Seek medical attention.

If swallowed:

Immediately rinse mouth and then drink plenty of water, do not induce vomiting, seek medical attention. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.

5. Fire-fighting measures

Flash point: 204 °C

Hazards during fire-fighting:
irritant gases/vapours

Protective equipment for fire-fighting:

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

Further information:

Do not allow to enter drains or waterways. Approach with extreme caution.

NFPA Hazard codes:

Health : 1 Fire: 1 Reactivity: 0 Special:

6. Accidental release measures

Personal precautions:

Use breathing apparatus if exposed to vapours/dust/aerosol. Do not get in eyes, on skin, or on clothing. Ensure adequate ventilation. Take appropriate protective measures.

Environmental precautions:

Do not discharge into drains/surface waters/groundwater.

Cleanup:

For large amounts: Pick up with suitable absorbent material. Dispose of absorbed material in accordance with regulations.

Further information:

Pack in tightly closed containers for disposal.

7. Handling and storage

Handling

General advice:

Keep container tightly sealed. Handle and open container with care. Avoid contact with skin and eyes.

Storage

General advice:

Keep container tightly closed in a cool, well-ventilated place.

Storage incompatibility:

General: Segregate from acids and bases. Segregate from strong oxidizing agents.

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8. Exposure controls and personal protection

Advice on system design:

Provide adequate exhaust ventilation to control work place concentrations.

Personal protective equipment

Respiratory protection:

Wear respiratory protection if ventilation is inadequate. Breathing protection if breathable aerosols/dust are formed.

Hand protection:

Wear chemical resistant protective gloves.

Eye protection:

Safety glasses with side-shields.

Body protection:

Body protection must be chosen based on level of activity and exposure.

General safety and hygiene measures:

Avoid prolonged and/or repeated contact with the skin. Avoid inhalation of vapours/mists. Do not get in eyes, on skin, or on clothing. Avoid all routes of exposure including ingestion, skin absorption and inhalation. Keep away from food, drink and animal feeding stuffs. Take off immediately all contaminated clothing. Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Form:	liquid
Odour:	of polyol
Colour:	blue, clear
pH value:	3 - 5
Freezing point:	-42 °C
Density:	1.075 g/cm ³
Viscosity, kinematic:	approx. 49 mm ² /s (40 °C)

10. Stability and reactivity

Hazardous reactions:

The product is chemically stable.
No hazardous reactions known.

Corrosion to metals:

No corrosive effect on metal.

11. Toxicological information

Acute toxicity

Oral:

LD50/rat: > 2,000 mg/kg

Eye irritation :

Slightly irritating.

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12. Ecological information

Environmental toxicity

Acute and prolonged toxicity to fish:

Fathead minnow/LC50 (96 h): 10,000 mg/l

13. Disposal considerations

Waste disposal of substance:

Dispose of in accordance with national, state and local regulations.

Container disposal:

Dispose of in accordance with national, state and local regulations. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

14. Transport information

Land transport

USDOT

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:

TSCA, US

released / listed

SARA hazard categories (EPCRA 311/312): Not hazardous

State regulations

CA Prop. 65:

THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

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16. Other information

HMIS III rating

Health: 1 Flammability: 1 Physical hazard: 0

HMIS uses a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of zero means that the substance possesses essentially no hazard; a rating of four indicates high hazard.

Local contact information

prod_reg@basf.com

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