

Safety data sheet

Plurasafe[®] WGF 46 FR-2

Revision date : 2005/07/22
Version: 1.6

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(30252590/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: (800) 424-9300
BASF HOTLINE: (800) 832-HELP

2. Composition/information on ingredients

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
111-46-6	>= 35.0 - <= 45.0 %	Diethylene glycol
7732-18-5	>= 40.0 - <= 46.0 %	Water
	>= 10.0 - <= 15.0 %	Polymer
	>= 10.0 - <= 15.0 %	Proprietary

3. Hazard identification

Emergency overview

CAUTION: MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.
INGESTION MAY CAUSE GASTRIC DISTURBANCES.

Use with local exhaust ventilation.

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

Wear NIOSH-certified chemical goggles.

Wear protective clothing.

Wear chemical resistant protective gloves.

Avoid contact with the skin, eyes and clothing.

Keep container tightly closed.

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.

Acute toxicity:

No data available.

Repeated dose toxicity:

No data available.

4. First-aid measures

General advice:

Avoid contact with the skin, eyes and clothing. Remove contaminated clothing.

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If inhaled:

Remove the affected individual into fresh air and keep the person calm. Immediate medical attention required.

If on skin:

After contact with skin, wash immediately with plenty of water. If irritation develops, seek medical attention.

If in eyes:

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

If swallowed:

Rinse mouth and then drink plenty of water. Do not induce vomiting. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions. Immediate medical attention required.

5. Fire-fighting measures

Flash point: Not applicable
Autoignition: 410 °C

Suitable extinguishing media:

water, dry extinguishing media, carbon dioxide, foam

Hazards during fire-fighting:

Evolution of fumes/fog.

Protective equipment for fire-fighting:

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

6. Accidental release measures

Personal precautions:

Wear appropriate respiratory protection. Use personal protective clothing. Ensure adequate ventilation. Avoid contact with the skin, eyes and clothing.

Environmental precautions:

This product is not regulated by RCRA. This product is not regulated by CERCLA ('Superfund').

Cleanup:

Spills should be contained, solidified, and placed in suitable containers for disposal.

7. Handling and storage

Storage**General advice:**

Keep container tightly closed.

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8. Exposure controls and personal protection

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:

Chemical resistant protective gloves

Eye protection:

Tightly fitting safety goggles (chemical goggles).

Body protection:

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

General safety and hygiene measures:

Avoid inhalation of vapours/mists. Avoid contact with the skin, eyes and clothing. Remove contaminated clothing.

9. Physical and chemical properties

Form:	liquid	
Odour:	of glycol	
Colour:	red	
pH value:	9 - 10	(100 %(m))
Boiling point:	105 °C	(1.013 bar)
Density:	1.08 g/cm ³	(20 °C)
Viscosity, kinematic:	46 mm ² /s	(40 °C)
Solubility in water:		soluble
Miscibility with water:		miscible in all proportions

10. Stability and reactivity

Corrosion to metals:

No corrosive effect on metal.

11. Toxicological information

Chronic toxicity

Other information:

The data we have is not sufficient for an industrial toxicological evaluation. Usual hygienic measures must be taken as the case is when dealing with chemicals.

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12. Ecological information

Environmental toxicity

Other ecotoxicological advice:
No data available.

13. Disposal considerations

Waste disposal of substance:

Dispose of in accordance with national, state and local regulations.
Do not discharge into drains/surface waters/groundwater.

Container disposal:

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

RCRA: NA

14. Transport information

Reference Bill of Lading

15. Regulatory information

Federal Regulations

Registration status:

TSCA, US blocked / not listed

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

State regulations

State RTK

CAS Number
111-46-6

Chemical name
Diethylene glycol

State RTK
PA

CA Prop. 65:

THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

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16. Other information

Local contact information

N-EVN_Regulatory@BASF-Corp.com

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