

# Safety data sheet

## Plurasafe<sup>®</sup> WI 68 HP

Revision date : 2006/07/13  
Version: 1.1

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(30282911/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

Chemical family: alcohols, alkoxylated  
Synonyms: Polyether Polyol

### 2. Composition/information on ingredients

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
9003-13-8	>= 99.0 %	POLYETHER POLYOL
	<= 1.0 %	Proprietary

### 3. Hazard identification

#### Emergency overview

CAUTION: NO PARTICULAR HAZARDS KNOWN.  
Use with local exhaust ventilation.  
Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator.  
Wear NIOSH-certified chemical goggles.  
Wear protective clothing.

#### 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:**

Virtually nontoxic after a single ingestion.

##### **Irritation:**

Not irritating to eyes and skin.

##### **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.  
See MSDS section 11 - Toxicological information.

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### 4. First-aid measures

**General advice:**

Remove contaminated clothing.

**If inhaled:**

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

**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.

Seek medical attention.

**If swallowed:**

Rinse mouth and then drink plenty of water. Do not induce vomiting. Immediate medical attention required.

**Note to physician**

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

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### 5. Fire-fighting measures

Flash point: 327 °C (JIS K2265)  
Autoignition: 398 °C (DIN 51794)

**Suitable extinguishing media:**

water spray, dry extinguishing media, foam

**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.

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### 6. Accidental release measures

**Personal precautions:**

Use personal protective clothing.

**Environmental precautions:**

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.

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## 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.

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

#### **Hand protection:**

Chemical resistant protective gloves

#### **Eye protection:**

Tightly fitting safety goggles (chemical goggles).

#### **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.

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## 9. Physical and chemical properties

Form:	liquid, viscous	
Odour:	mild, of glycol	
Colour:	colourless to yellowish	
pH value:	5.5 - 8.0	( 10 %(m))
pour point:	-43 °C	(ASTM D97)
Boiling point:	326 °C	( 1.013 bar)
Vapour pressure:	0.533 hPa	( 20 °C)
	0.80 hPa	( 50 °C)
Density:	0.988 g/cm <sup>3</sup>	(ASTM D4052)
Viscosity, kinematic:	68 mm <sup>2</sup> /s	(ASTM D445)
% volatiles:	< 1 %	
Solubility in water:		soluble

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## 10. Stability and reactivity

#### **Conditions to avoid:**

No data available.

#### **Substances to avoid:**

No substances known that should be avoided.

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### **Hazardous reactions:**

No hazardous reactions when stored and handled according to instructions.  
The product is chemically stable.

### **Decomposition products:**

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

### **Thermal decomposition:**

> 430 °F

### **Corrosion to metals:**

No corrosive effect on metal.

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## 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)

### Chronic toxicity

#### **Other information:**

The product has not been tested. The statement has been derived from the properties of the individual components.

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## 12. Ecological information

### Environmental fate and transport

#### **Biodegradation:**

Test method:	OECD 301F; ISO 9408; 92/69/EEC, C.4-D
Method of analysis:	BOD of the ThOD
Degree of elimination:	> 70 %
Evaluation:	Readily biodegradable (according to OECD criteria). The product is biodegradable.

#### **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

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

### Acute toxicity to aquatic invertebrates:

OECD Guideline 202, part 1 static

Daphnia magna/EC50 (48 h): > 100 mg/l

### Toxicity to microorganisms:

DEV-L2 :

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

### Other ecotoxicological advice:

The product has not been tested. The statement has been derived from the properties of the individual components.

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## 13. Disposal considerations

### Waste disposal of substance:

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

It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

### Container disposal:

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

RCRA: NA

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## 14. Transport information

Reference Bill of Lading

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## 15. Regulatory information

### Federal Regulations

#### Registration status:

TSCA, US

released / listed

### 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: 0

Physical hazard: 1

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.

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### Local contact information

N-EVN\_Regulatory@BASF-Corp.com

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