

# Safety Data Sheet

## Pluriol® E 600 NF 80

Revision date : 2018/07/31

Version: 2.0

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(30512711/SDS\_GEN\_US/EN)

### 1. Identification

#### Product identifier used on the label

**Pluriol® E 600 NF 80**

#### Recommended use of the chemical and restriction on use

Suitable for use in industrial sector: chemical industry

\* The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

#### Details of the supplier of the safety data sheet

##### Company:

BASF CORPORATION  
100 Park Avenue  
Florham Park, NJ 07932, USA

Telephone: +1 973 245-6000

#### Emergency telephone number

CHEMTREC: 1-800-424-9300  
BASF HOTLINE: 1-800-832-HELP (4357)

#### Other means of identification

Synonyms: POLYETHYLENE GLYCOL SOLUTION

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### 2. Hazards Identification

**According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

#### Classification of the product

No need for classification according to GHS criteria for this product.

#### Label elements

The product does not require a hazard warning label in accordance with GHS criteria.

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### 3. Composition / Information on Ingredients

#### **According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

Under the referenced regulation, this product does not contain any components classified for health hazards above the relevant cut off value.

### 4. First-Aid Measures

#### **Description of first aid measures**

##### **General advice:**

Remove contaminated clothing.

##### **If inhaled:**

Remove the affected individual into fresh air and keep the person calm. Assist in breathing if necessary. Immediate medical attention required.

##### **If on skin:**

Wash affected areas thoroughly with soap and 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:**

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.

#### **Most important symptoms and effects, both acute and delayed**

#### **Indication of any immediate medical attention and special treatment needed**

##### Note to physician

Treatment:

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

### 5. Fire-Fighting Measures

#### **Extinguishing media**

Suitable extinguishing media:

water spray, carbon dioxide, dry powder, foam

#### **Special hazards arising from the substance or mixture**

Hazards during fire-fighting:

No particular hazards known.

#### **Advice for fire-fighters**

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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.

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## 6. Accidental release measures

### **Personal precautions, protective equipment and emergency procedures**

Wear appropriate respiratory protection. Use personal protective clothing. Ensure adequate ventilation.

### **Environmental precautions**

Do not discharge into drains/surface waters/groundwater.

### **Methods and material for containment and cleaning up**

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

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## 7. Handling and Storage

### **Precautions for safe handling**

Keep away from sources of ignition - No smoking. Keep container tightly sealed. Handle and open container with care.

Protection against fire and explosion:

Avoid all sources of ignition: heat, sparks, open flame. Avoid extreme heat.

### **Conditions for safe storage, including any incompatibilities**

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

Suitable materials for containers: High density polyethylene (HDPE)

Further information on storage conditions: Keep container tightly closed and dry; store in a cool place.

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## 8. Exposure Controls/Personal Protection

No occupational exposure limits known.

### **Advice on system design:**

Provide adequate exhaust ventilation to control work place concentrations.

### **Personal protective equipment**

#### **Respiratory protection:**

Wear a NIOSH-certified (or equivalent) respirator as necessary.

#### **Hand protection:**

Wear chemical resistant protective gloves., Consult with glove manufacturer for testing data.

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### Eye protection:

Tightly fitting safety goggles (chemical goggles) and face shield.

### Body protection:

Body protection must be chosen depending on activity and possible exposure, e.g. head protection, apron, protective boots, chemical-protection suit.

### 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, mild	
Colour:	clear	
pH value:	5 - 7	
Boiling point:	approx. 212 °F ( 1 ATM)	
Flash point:	> 93.3 °C > 200 °F	(ASTM D93) (ASTM D93)
Autoignition:	No data available.	
Vapour pressure:	> 1 mmHg ( 25 °C)	
Density:	1.125 g/cm <sup>3</sup> ( 20 - 25 °C)	
Vapour density:	Heavier than air.	
Solubility in water:	soluble	

## 10. Stability and Reactivity

### Reactivity

Corrosion to metals:  
No corrosive effect on metal.

### Chemical stability

### Possibility of hazardous reactions

The product is chemically stable.

### Conditions to avoid

No conditions known that should be avoided.

### Incompatible materials

No substances known that should be avoided.

### Hazardous decomposition products

Decomposition products:  
No hazardous decomposition products known.

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### 11. Toxicological information

#### Primary routes of exposure

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

#### Acute Toxicity/Effects

##### Oral

Type of value: LD50

Species: rat

Value: > 2,000 mg/kg

##### Inhalation

Type of value: ATE

Value: > 20 mg/l

Determined for vapor

Type of value: ATE

Value: > 5 mg/l

Determined for mist

##### Dermal

Type of value: ATE

Value: > 5,000 mg/kg

##### Skin

Species: rabbit

Result: non-irritant

Method: Draize test

##### Eye

Species: rabbit

Result: non-irritant

Method: Draize test

#### Chronic Toxicity/Effects

##### Other Information

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

#### Symptoms of Exposure

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### 12. Ecological Information

#### Toxicity

##### Toxicity to fish

LC50 (96 h) > 100 mg/l, *Leuciscus idus*

#### Microorganisms/Effect on activated sludge

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Toxicity to microorganisms  
DEV-L2 : > 1,000 mg/l

### **Persistence and degradability**

#### Elimination information

> 70 % DOC reduction (13 d) (OECD 301 A (new version)) Readily biodegradable.

### **Additional information**

Other ecotoxicological advice:  
Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

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## **13. Disposal considerations**

### **Waste disposal of substance:**

Dispose of in accordance with national, state and local 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**

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

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## **15. Regulatory Information**

### **Federal Regulations**

#### **Registration status:**

Chemical TSCA, US released / listed

**EPCRA 311/312 (Hazard categories):** Refer to SDS section 2 for GHS hazard classes applicable for this product.

**Safe Drinking Water & Toxic Enforcement Act, CA Prop. 65:**

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**WARNING:** This product can expose you to chemicals including ETHYLENE OXIDE, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**NFPA Hazard codes:**

Health: 1      Fire: 1      Reactivity: 0      Special:

**HMIS III rating**

Health: 1      Flammability: 1      Physical hazard: 0

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## 16. Other Information

**SDS Prepared by:**

BASF NA Product Regulations

SDS Prepared on: 2018/07/31

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

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