

## Safety data sheet

# ULTRASON® E 2010 G4 UNCOLORED POLYARYLETHERSULFONE

Revision date : 2004/11/22

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Version: 1.0

(30047237/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

Synonyms: Poly ether sulfone

## 2. Composition/information on ingredients

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
25608-63-3	>= 50.0 %	Polyethersulfone (PES)
65997-17-3	<= 50.0 %	Glass, oxide, chemicals

## 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) particulate respirator.  
Wear protective clothing.  
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.

#### **Acute toxicity:**

Contact with molten product may cause thermal burns.

#### **Irritation:**

Thermal decomposition products of the substance can irritate the eyes, skin, and respiratory tract.

#### **Repeated dose toxicity:**

No known chronic effects.

#### *Information on: Fiberglass*

*This product contains glass fibers which are compounded into the polymer matrix and thus are not expected to present the same hazards as fiberglass wool.*

#### *Information on: Fiberglass*

*Animal implantation studies have indicated that fiberglass wool is an animal carcinogen. A small study of Canadian glass wool workers reported a statistically significant increase in deaths due to lung cancer; however, animal inhalation studies and several large-scale studies of U.S. and European fiberglass wool workers have shown no statistically significant increases in lung cancer. The International Agency for Research on Cancer (IARC) has classified this material in Category 2B.*



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### *Information on: Fiberglass*

*These findings are based on glass wool, which has a smaller diameter than continuous glass filament or glass fiber chopped strands or rovings. Fiberglass wool is not used in this product.*

### **Potential environmental effects**

#### **Aquatic toxicity:**

There is a high probability that the product is not acutely harmful to aquatic organisms.  
The product has not been tested. The statement has been derived from the structure of the product.

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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. Assist in breathing if necessary.  
Immediate medical attention required.

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

Burns caused by molten material require hospital treatment.

#### **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:**

Ingestion is not likely in the available physical form. If ingested, seek medical attention.

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## 5. Fire-fighting measures

Flash point:

No data available.

Autoignition:

580 - 600 °C

(DIN 54836)

#### **Suitable extinguishing media:**

water, foam, dry extinguishing media

#### **Hazards during fire-fighting:**

carbon monoxide, can be emitted at > 400 °C

Under special fire conditions traces of other toxic substances are possible. Formation of further decomposition and oxidation products depends upon the fire conditions.

#### **Protective equipment for fire-fighting:**

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

#### **Further information:**

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

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## 6. Accidental release measures

#### **Environmental precautions:**

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





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Odour:	odourless
Colour:	various, depending on the colourant
pH value:	No data available.
Density:	1.50 - 1.65 g/cm <sup>3</sup>
Bulk density:	700 - 800 kg/m <sup>3</sup>
Solubility in water:	insoluble

## 10. Stability and reactivity

**Conditions to avoid:**

Temperature: &gt; 400 degrees Celsius

**Decomposition products:**

Hazardous decomposition products: carbon monoxide, Gaseous products of degradation can be given off if the product is greatly overheated.

**Thermal decomposition:**

&gt; 400 °C

## 11. Toxicological information

**Chronic toxicity****Other information:**

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

## 12. Ecological information

**Environmental fate and transport****Biodegradation:**

Evaluation: Experience shows this product to be inert and non-degradable.

**Bioaccumulation:**

The product will not be readily bioavailable due to its consistency and insolubility in water..  
Due to the consistency of the product, dispersion into the environment is impossible. Therefore no negative effects on the environment may be anticipated based on the present state of knowledge.

**Environmental toxicity****Other ecotoxicological advice:**

none



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**13. Disposal considerations****Waste disposal of substance:**

Check for possible recycling.

May be disposed of or combusted with domestic refuse according to local regulations.

**Contaminated packaging:**

Packs must be completely emptied.

**14. Transport information**Reference Bill of Lading**15. Regulatory information**Federal Regulations**Registration status:**

TSCA, US

released / listed

**SARA hazard categories (EPCRA 311/312):** Not hazardousState regulations

## State RTK

CAS Number  
65997-17-3Chemical name  
Glass, oxide, chemicalsState RTK  
MA, NJ, PA**16. Other information**Local contact information

Tech Desk

1-800-527-8324

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The Chemical Company

HELPING MAKE PRODUCTS BETTER™

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