



The Chemical Company

HELPING MAKE PRODUCTS BETTER™

## Safety data sheet

### ULTRASON® E 2010 NATURAL POLYARYLETHERSULFONE

Revision date : 2004/05/25

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Version: 1.0

(30047224/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

CAS Number

25608-63-3

Content (W/W)

<= 100.0 %

Chemical name

Polyethersulfone (PES)

#### 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.

#### 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.





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**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.

## 5. Fire-fighting measures

Flash point:

Autoignition:

580 - 600 °C

No data available.

(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.

## 6. Accidental release measures

**Environmental precautions:**

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

**Cleanup:**

For small amounts: Pick up with suitable appliance and dispose of.

For large amounts: Pick up with suitable appliance and dispose of.

**Further information:**

High risk of slipping due to leakage/spillage of product.

## 7. Handling and storage

**Handling**

**Protection against fire and explosion:**

Take precautionary measures against static discharges.

**Storage**

**General advice:**





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Keep container tightly closed and dry; store in a cool place. Protect against moisture.

**Storage stability:**

Protect against moisture.

## 8. Exposure controls and personal protection

**Advice on system design:**

Provide local exhaust ventilation to control dusts/vapours.

**Personal protective equipment**

**Respiratory protection:**

Wear a NIOSH-certified (or equivalent) particulate respirator. Wear respiratory protection if ventilation is inadequate. Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator. Do not exceed the maximum use concentration for the respirator facepiece/cartridge combination.

**Hand protection:**

Wear gloves to prevent contact during mechanical processing and/or hot melt conditions.

**Eye protection:**

Tightly fitting safety goggles (chemical goggles).

**General safety and hygiene measures:**

none Wash soiled clothing immediately.

## 9. Physical and chemical properties

Form:	granules	
Odour:	odourless	
Colour:	light yellow to brownish	
pH value:		No data available.
Density:	1.30 - 1.40 g/cm <sup>3</sup>	(EN/ISO 1183-1)
Bulk density:	700 - 800 kg/m <sup>3</sup>	
Solubility in water:		insoluble

## 10. Stability and reactivity

**Conditions to avoid:**

Temperature: > 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:**

> 400 °C





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## 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 toxicity

#### **Other ecotoxicological advice:**

none

## 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 hazardous

#### **SARA 313:**

#### CAS Number

872-50-4

#### Chemical name

N-Methylpyrrolidone





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## 16. Other information

### Local contact information

Tech Desk

1-800-527-8324

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