



The Chemical Company

Safety data sheet

ULTRASON® E 1010 NATURAL POLYARYLETHERSULFONE

Revision date : 2006/05/18
Version: 1.0

Page: 1/5
(30047122/MDS_GEN_US/EN)

1. Substance/preparation and company identification

Company
BASF CORPORATION
100 Campus Drive
Florham Park, NJ 07932, USA

24 Hour Emergency Response Information
CHEMTREC: 1-800-424-9300
BASF HOTLINE: 1-800-832-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		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.



Safety data sheet

ULTRASON® E 1010 NATURAL

POLYARYLETHERSULFONE

Revision date : 2006/05/18
Version: 1.0

Page: 2/5
(30047122/MDS_GEN_US/EN)

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.

5. Fire-fighting measures

Flash point:

No data available.

Autoignition:

580 - 600 °C

(DIN 54836)

Suitable extinguishing media:

water, carbon dioxide, dry extinguishing media, foam

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.

6. Accidental release measures

Environmental precautions:

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

Cleanup:

Reclaim for processing if possible.

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.



Safety data sheet

ULTRASON® E 1010 NATURAL POLYARYLETHERSULFONE

Revision date : 2006/05/18
Version: 1.0

Page: 3/5
(30047122/MDS_GEN_US/EN)

7. Handling and storage

Handling

Protection against fire and explosion:

No explosion proofing necessary.

Storage

General advice:

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 respiratory protection if ventilation is inadequate. Wear a NIOSH-certified (or equivalent) particulate respirator.

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:

Wear protective clothing to prevent contact during mechanical processing and/or hot melt conditions. Wash soiled clothing immediately.

9. Physical and chemical properties

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

10. Stability and reactivity

Conditions to avoid:

Temperature: > 400 degrees Celsius

Substances to avoid:

acids, bases, strong oxidizing agents

Decomposition products:



Safety data sheet

ULTRASON® E 1010 NATURAL POLYARYLETHERSULFONE

Revision date : 2006/05/18
Version: 1.0

Page: 4/5
(30047122/MDS_GEN_US/EN)

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

Thermal decomposition:
> 400 °C

Corrosion to metals:
No corrosive effect on metal.

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.

13. Disposal considerations

Waste disposal of substance:

Incinerate in a licensed facility.
Do not discharge substance/product into sewer system.

Container disposal:

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

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*



Safety data sheet

ULTRASON® E 1010 NATURAL POLYARYLETHERSULFONE

Revision date : 2006/05/18

Version: 1.0

Page: 5/5

(30047122/MDS_GEN_US/EN)

Not classified as a dangerous good under transport regulations

15. Regulatory information

Federal Regulations

Registration status:

TSCA, US

released / listed

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

16. Other information

Local contact information

Tech Desk

1-800-527-8324

ULTRASON® E 1010 NATURAL POLYARYLETHERSULFONE is a registered trademark of BASF Corporation or BASF AG

IMPORTANT: WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE, IT IS PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION/USE, WE RECOMMEND THAT YOU MAKE TESTS TO DETERMINE THE SUITABILITY OF A PRODUCT FOR YOUR PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. FURTHER, YOU EXPRESSLY UNDERSTAND AND AGREE THAT THE DESCRIPTIONS, DESIGNS, DATA, AND INFORMATION FURNISHED BY BASF HEREUNDER ARE GIVEN GRATIS AND BASF ASSUMES NO OBLIGATION OR LIABILITY FOR THE DESCRIPTION, DESIGNS, DATA AND INFORMATION GIVEN OR RESULTS OBTAINED, ALL SUCH BEING GIVEN AND ACCEPTED AT YOUR RISK.

END OF DATA SHEET

