

Safety Data Sheet

ULTRASON® P 3010 NATURAL POLYARYLETHERSULFONE

Revision date : 2011/02/02

Version: 1.0

Page: 1/6

(30347253/SDS_GEN_US/EN)

1. Product and Company Identification

Use: Polymer

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

2. Hazards 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 NIOSH-certified chemical goggles.

Wear protective clothing.

Eye wash fountains and safety showers must be easily accessible.

State of matter: solid

Colour: light tan

Odour: odourless

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. The resin in pelleted form poses a low hazard.

Irritation / corrosion:

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

Sensitization:

The substance is inert.

Chronic toxicity:

Carcinogenicity: The substance is inert.



Safety Data Sheet

ULTRASON® P 3010 NATURAL POLYARYLETHERSULFONE

Revision date : 2011/02/02

Version: 1.0

Page: 2/6

(30347253/SDS_GEN_US/EN)

Genotoxicity: The substance is inert.

Signs and symptoms of overexposure:

No significant reaction of the human body to the product known.

Potential environmental effects

Aquatic toxicity:

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

Degradation / environmental fate:

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

3. Composition / Information on Ingredients

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
25608-64-4	> 98.0 %	[1,1'-Biphenyl]-4,4'-diol, polymer with 1,1'-sulfonylbis[4-chlorobenzene]

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. Consult a physician.

If on skin:

Burns caused by molten material require hospital treatment.

If in eyes:

If irritation develops, seek medical attention. In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water.

If swallowed:

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

5. Fire-Fighting Measures

Flash point:

not applicable

Autoignition:

580 - 600 °C

(DIN 54836)

Self-ignition temperature:

not self-igniting

Suitable extinguishing media:

water spray, carbon dioxide, dry powder, foam

Hazards during fire-fighting:

carbon monoxide, Sulphur dioxide, 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.



Safety Data Sheet

ULTRASON® P 3010 NATURAL POLYARYLETHERSULFONE

Revision date : 2011/02/02

Version: 1.0

Page: 3/6

(30347253/SDS_GEN_US/EN)

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.

7. Handling and Storage

Handling

Protection against fire and explosion:

No explosion proofing necessary.

Storage

General advice:

Keep container tightly closed. Avoid deposition of dust. Protect against moisture.

Storage stability:

Protect against moisture.

8. Exposure Controls and Personal Protection

Personal protective equipment

Respiratory protection:

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

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 tan	
pH value:		not applicable
glass transition temperature:	220 °C	(1,013 hPa)
Boiling range:		(1,013 hPa) The substance / product decomposes therefore not determined.
Vapour pressure:		not applicable



Safety Data Sheet

ULTRASON® P 3010 NATURAL POLYARYLETHERSULFONE

Revision date : 2011/02/02

Version: 1.0

Page: 4/6

(30347253/SDS_GEN_US/EN)

Density:	1.30 - 1.40 g/cm3	(20 °C, 1,013 hPa)	(EN ISO 1183-1)
Relative density:		No data available.	
Bulk density:	700 - 800 kg/m3	(20 °C, 1,013 hPa)	
Vapour density:		not applicable	
Partitioning coefficient		not applicable	
n-octanol/water (log Pow):			
Solubility in water:		insoluble	

10. Stability and Reactivity

Conditions to avoid:

Temperature: > 400 degrees Celsius

Substances to avoid:

No substances known that should be avoided.

Decomposition products:

Hazardous decomposition products: carbon monoxide, Sulphur dioxide, 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.

Oxidizing properties:

not fire-propagating

11. Toxicological information

Aspiration Hazard:

No aspiration hazard expected.

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

Degradability / Persistence

Biological / Abiological Degradation

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.



Safety Data Sheet

ULTRASON® P 3010 NATURAL POLYARYLETHERSULFONE

Revision date : 2011/02/02

Version: 1.0

Page: 6/6

(30347253/SDS_GEN_US/EN)

BASF NA Product Regulations

msds@bASF.com

MSDS Prepared on: 2011/02/02

ULTRASON® P 3010 NATURAL POLYARYLETHERSULFONE is a registered trademark of BASF Corporation or BASF SE

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

