

Section 1. Product and Company Identification

Product Name Bisphenol S
CAS Number 80-09-1

Parchem - fine & specialty chemicals
415 Huguenot Street
New Rochelle, NY 10801
☎ (914) 654-6800 📠 (914) 654-6899
🌐 parchem.com ✉ info@parchem.com

EMERGENCY RESPONSE NUMBER
CHEMTEL
Toll Free US & Canada: 1 (800) 255-3924
All other Origins: 1 (813) 248-0585
Collect Calls Accepted

Section 2. Hazards Identification

Classification of the substance or mixture

GHS Label Elements

3.2/2-Causes skin irritation.
3.3/2A-Causes serious eye irritation.
3.8/3-May cause respiratory irritation.

GHS Label Elements

Pictograms:



Signal word: WARNING

Hazard and precautionary statements

Prevention: Avoid breathing dust/fume/gas/mist/vapors/spray.

Wash thoroughly after handling.

Use only outdoors or in a well-ventilated area.

Wear protective gloves/protective clothing/Eye protection/face protection.

Response: IF ON SKIN: Wash with plenty of soap and water.

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

Call a POISON CENTER or doctor/physician if you feel unwell.

Specific treatment (see label).

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

Take off contaminated clothing and wash before reuse.



Storage: Store in a well-ventilate place. Keep container tightly closed.
Store locked up.

Disposal: Dispose of contents/container in accordance with local/regional/national/ international regulations.

Section 3. Composition / Information on Ingredients

Common Name Bisphenol S
Synonym(s) Bis(4-hydroxyphenyl) Sulfone
CAS Number 80-09-1

COMPONENT	CAS NUMBER	CONCENTRATION
Bisphenol S	80-09-1	100%

Section 4. First Aid Measures

Inhalation: Supply fresh air. If required, provide artificial respiration.
Keep patient warm. Consult doctor if symptoms persist. Seek immediate medical advice.

Skin contact: Instantly wash with water and soap and rinse thoroughly.
Seek immediate medical advice.

Eye contact: Rinse opened eye for several minutes under running water.
Then consult doctor.

Ingestion: Seek immediate medical advice.

Section 5. Firefighting Measures

Suitable extinguishing agents: CO₂, extinguishing powder, or water jet. Fight larger fires with water jet or alcohol-resistant foam.

Special hazards caused by the material, its products of combustion of the flue gases: Can be released in case of fire: Carbon monoxide and carbon dioxide Sulfur oxides (SO_x)

Protective equipment: Wear self-contained breathing apparatus. Wear full protective suit.

Section 6. Accidental Release Measures

Person-related safety precautions: Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation.

Measures for environmental protection: Do not allow material to be released to the environment without proper governmental permits.

Measures for cleaning/collecting: Dispose of contaminated material as waster according to item 13. Ensure adequate ventilation.



Additional information

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for information on disposal

Section 7. Handling and Storage

Handling

Information for safe handling: Keep containers tightly sealed.

Store in cool, dry place in tightly closed containers.

Ensure good ventilation/exhaustion at the workplace.

Information about the protection against

Explosions and fires: Keep ignition sources away-Do not smoke.

Storage

Requirements to be met by storerooms and Containers: No special requirements.

Information about storage in one common

Storage: Store away from oxidizing agents.

Further information about storage conditions: Keep container tightly sealed. Store in cool. Dry conditions in well-sealed containers.

Section 8. Exposure Controls / Personal Protection

Exposure controls and personal protection

Additional Information about design of technical systems: Properly operating chemical fume hood designed for hazardous chemicals and having an average face velocity of at least 100 feet per minute.

Components with critical values that require monitoring at the workplace: Not required.

Additional information: No data.

Personal protective equipment

General protective and hygienic measures: The usual precautionary measures should be adhered to in handling the chemicals. Keep away from foodstuffs, beverages and food. Instantly remove any soiled and impregnated garments. Wash hands during breaks and at the end of the work. Avoid contact with the eyes and skin.

Breathing equipment: Use breathing protection with high concentrations.

Eye protection: Safety glasses

Face protection

Body protection: Protective work clothing.

Section 9. Physical and Chemical Properties

General Information

Form: Powder
Color: Whitish
Smell: Not determined
Melting point/Melting range: 245 - 248°C
Boiling point/Boiling range: Not determined
Sublimation temperature/start: Not determined
Flash point: Not applicable
Ignition temperature: Not determined
Decomposition temperature: Not determined
Danger of explosion: Product is not explosive.

Critical values for explosion

Lower: Not determined
Upper: Not determined

Steam pressure: Not determined
Density (20°C): 1.366g/m³
Solubility in /Miscibility with Water: Insoluble

Section 10. Stability and Reactivity

Thermal decomposition/conditions to be Avoided: No decomposition if used and stored according to specifications.
Materials to be avoided: Oxidizing agents
Dangerous reactions: No dangerous reactions known
Dangerous products of decomposition: Carbon monoxide and carbon dioxide
 Sulfur Oxides (SO_x)

Section 11. Toxicological Information

Acute Toxicity

LD/LC 50 values that are relevant for classification:

Oral	LD50	1600 mg/kg (Mouse) 4556 mg/kg (Rat)
	LDLo	4700 mg/kg (Rabbit)
Dermal	LD50	> 1 mg/kg (Guinea pig) > 10.25 mg/kg(Rabbit)
Irritation of skin	Mild	500 mg/24h (Rabbit)
Irritation of eyes	Moderate	100mg (Rabbit)



Primary irritant effect

On the skin: Irritant for skin and mucous membranes

On the eye: Irritant effect.

Sensitization: No sensitizing effect known.

Additional toxicological information: Danger by skin resorption.

To the best of our knowledge the acute and chronic toxicity of this substance is not fully known.

No classification data on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA, or ACGIH.

Section 12. Ecological Information

General Notes: Water hazard class 1

(Self-assessment): Slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water bodies of sewage system.

Do not allow material to be released to the environment without proper governmental permits.

Section 13. Disposal Considerations

Waste Treatment Methods: Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

Land transport ADR/RID and GGVS/GGVE(cross-border/domestic)

ADR/RID-GGVS/E Class: None

Maritime transport IMDG/GGV Sea:

IMDG/GGV Sea Class: None

Transport/Additional information: Not dangerous according to the above specifications.

Section 15. Regulatory Information

Designation according to EC guidelines

Risk phrases

36/37/38 Irritating to eyes, respiratory system and skin.

Safety phrases

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

37 Wear suitable gloves.

National regulations

Information about limitation of use: Employment restrictions concerning young persons must be observed. For use only by technically qualified individuals.

Water hazard class: Water hazard class 1(Self-assessment): Slightly hazardous for water.



Section 16. Other Information

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

REVISION DATE: 3/27/2017

