

Material Safety Data Sheet

Bisphenol A

Section 1: Chemical Product and Company Identification

Product Name : Bisphenol A
Company Identification : Tradeasia International Pte Ltd
Email : contact@chemtradeasia.com

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS#	% by Weight
Bisphenol	80-05-7	100

Section 3: Hazards Identification

Emergency Overview

Irritant. Irritating to respiratory system and skin. Risk of serious damage to eyes. May cause sensitization by skin contact.

Target organ(s): Liver. Bone marrow.

Hmis Rating

HEALTH: 3

FLAMMABILITY: 0

REACTIVITY: 0

Nfpa Rating

HEALTH: 3

FLAMMABILITY: 0

REACTIVITY: 0

Section 4: First Aid Measures

Oral Exposure: If swallowed, wash out mouth with water provided person is conscious. Call a physician.

Inhalation Exposure: If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

Dermal Exposure: In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.

Eye Exposure: In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

Section 5: Fire and Explosion Data

Flash Point: N/A

Autoignition Temp : N/A

Flammability : N/A

Extinguishing Media, Suitable: Carbon dioxide, dry chemical powder, or appropriate foam.

Firefighting: Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Specific Hazard(s): Emits toxic fumes under fire conditions.

Section 6: Accidental Release Measures

Procedure(s) Of Personal Precaution(s): Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.

Methods For Cleaning Up: Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material

Section 7: Handling and Storage

Handling: User Exposure: Avoid breathing dust. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

Storage: Suitable: Keep tightly closed.

Section 8: Exposure Controls/Personal Protection

Engineering Controls: Mechanical exhaust required.

Personal Protective Equipment: Other: Wear appropriate government approved respirator, chemical-resistant gloves, safety goggles, other protective clothing.

General Hygiene Measures: Wash thoroughly after handling. Wash contaminated clothing before reuse.

Section 9: Physical and Chemical Properties

Appearance Physical State Color: Solid

Form: Very faintly beige: Crystalline

Molecular Weight: 228.29 AMU

pH: N/A
BP/BP Range: 220 °C
MP/MP Range: 153°C
Partition Coefficient Log Kow: 3.32

Decomposition Temp.: N/A
Flash Point: N/A
Solubility: N/A

Section 10: Stability and Reactivity Data

Stability

Materials to Avoid: Strong bases, Strong oxidizing agents.

Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide. **Hazardous Polymerization:** Will not occur

Section 11: Toxicological Information

Route Of Exposure

Skin Contact: Causes skin irritation.

Skin Absorption: May be harmful if absorbed through the skin.

Eye Contact: Causes eye irritation.

Inhalation: May be harmful if inhaled. Material is irritating to mucous membranes and upper respiratory tract.

Ingestion: May be harmful if swallowed.

Sensitization

Skin: May cause allergic skin reaction.

Target Organ(s) Or System(s): Liver. Bone marrow.

Signs And Symptoms Of Exposure: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Section 12: Ecological Information

Accumulation

Bioaccumulation Potential: Indication of bioaccumulation.

Acute Ecotoxicity Tests

Test Type: LC50 Fish

Species: Pimephales promelas (Fathead minnow) Time: 96 h

Value: 4.6 mg/l

Test Type: EC50 Daphnia

Species: Daphnia magna

Time: 48 h

Value: 3.9 mg/l

Test Type: IC50 Algae

Species: Selenastrum capricornutum resp.

Time: 96 h

Value: 2.73 mg/l

Section 13: Disposal Considerations

Appropriate Method Of Disposal Of Substance Or Preparation :

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

Section 14: Transport Information

Dot

Proper Shipping Name: None

Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

Identification

Non-Hazardous for Air Transport: Non-hazardous for air transport.

Section 15: Other Regulatory Information

Eu Directives Classification

Symbol of Danger: Xi

Indication of Danger: Irritant.

Risk Statements: Irritating to eyes, respiratory system and skin. May cause sensitization by skin contact.

Safety Statements: Avoid contact with skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves.

Us Classification And Label Text

Indication of Danger: Irritant.

Risk Statements: Irritating to respiratory system and skin. Risk of serious damage to eyes. May cause sensitization by skin contact.

Safety Statements: Avoid contact with skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves.

US Statements: Target organ(s): Liver. Bone marrow.

United States Regulatory Information

SARA LISTED: Yes

DEMINIMIS: 1 %

NOTES: This product is subject to SARA section 313 reporting requirements.

TSCA INVENTORY ITEM: Yes

Canada Regulatory Information

WHMIS Classification: This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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