


1、 Product and Company Identification

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| Product name : BisPhenol-A |
| Synonyms : Phenol,4,4-(1-Methylethylidene)Bis-,4,4'-Isopropylidenebisphenol |
| Recommended use and restrictions on use: In the manuf of epoxy resins and polycarbonates.As fungicide |
| Supplier detail : Chang Chun Plastic Co.,LTD.DAFA Factory HEAD OFFICE : 7 TH FL,301 SONGKIANG RD. TAIPEI,TAIWAN TEL : 886-2-2503-8131 ; FAX : 886-2-2501-8018 FACTORY : NO.8,HWA SYI RD.,DA FA INDUSTRIAL DISTRICT TA LAIO,KAOHSIUNG,TAIWAN TEL : 886-7-7872654 ; FAX : 886-7-7872408 |
| Emergency phone number : Tel : +886-7-7872658 ext : 858 |

2、 Hazard Identification

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| Harzard classification : Acute toxicity-oral,cat.5/Acute toxicity-dermal.cat.5/Eye damage,irritation,cat.1/Skin sensitization,cat.1/Reproductive toxicity cat.2/Specific target organ toxicity,single exposure,cat.3/Harzardous to the aquatic environment,acute toxicity,cat.2 |
| Warning information |
| GHS label : corrosion,Health Hazard,Exclamation mark  |
| Signal word : Danger |
| Hazard statement : May be harmful if sawallowed.May be harmful in contact with skin.Causes serious eye damage.May cause an allergic skin reaction.Suspected of damage fertility.May cause respiratory irritation.Toxic to aquatic life. |
| Precautionary statement : Specific treatment(see...on this label).Wash contaminated clothing before reuse.Immediately call a POISON CENTER or doctor/physician.Call a POISON CENTER or doctor/physician if you feel unwell.Obtain special instructions before use.Do not handle until all safety precautions have been read and understood. |
| Other hazards : Danger of dust explosion wheb ground to a small particle size. |

3、Composition/Information on Ingredients
Substances:

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| Product Name: BISPHENOL A |
| Synonyms: Phenol,4,4-(1-Methylethylidene)Bis |
| CAS Number: 80-05-7 |
| Ingredient : BPA>99.8 wt%;Water<0.2wt% |

4、First-aid Measures

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| First-aid measures for different exposure routes : |
| Inhalation : Remove to fresh air |
| Skin Contact : Remove contaminated clothing.Wash skin with water using soap if available.If persistent irritation occurs,obtain medical attention |
| Eye Contact : DO NOT DELAY.Flush eye with water.OBTAIN MEDICAL ATTENTION IMMEDIATELY. |
| Ingestion : DO not induce vomiting.If rapid recovery does not occur,obtain medical attention. |
| Most important symptoms and hazardous rffects : Serious harmful to eyes and skin. |
| Protectuib if Furst-aiders : |
| Notes to physician : |
| Symptoms : Irritation of the skin,eyes and respiratory tract. |
| Treatment : Dermatitis may result from prolonged or reeated exposure.If skin sensitization has developed and a causal relationship has benn confirmed,further exposure should not be allowed. |

5、Fire-Fighting Measures

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| Extinguishing Media : Foam,water spray or fog.Dry chemical power,carbon dioxide,sand or earth may be used for small fires only |
| Fire and Explosiong Hazards : Not classified as flammable but will burn.Harzardous combustion products may include carbon monoxide Explosvie dust clouds may be produced. |
| Special Firefighting Procedures : No information |
| Special equipment for the protection of Firefighters : Full protective clothing and self-contained breathing apparatus. |

6、Accidental Release Measures

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| Personal Precautions : Avoid raising a dust cloud Avoid contact with skin,eyes clothing Do not breathe dust |
| Environmental Precautions : Prevent from entering into drains,ditches or rivers,inform the local authoritirs if this cannot be prevented. |
| Methods for Cleaning up : Small spillage : shovel up and place in a labeled,sealable container for subsequent safe disposal. Large spillage : Transfer to a labeled container for product recovery or safe disposal. |

7、Safe Handling and Storage Measures

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| Handling : Avoid contact with skin,eyes and clothing.Do not breathe dust Avoid generation or accumulation of dusts.Earth all equipment.Take precautionary measures against static discharges. |
| Storage : Use nitrogen blanketing or tank air/desiccant dryers. Storage temperature : <=50°C |

8、Exposure Control/Personal Protection

| Control parameters : Wear dust-tigh monogoggles,PVC gloves,gauntlet type,disposable one-piece uncoated overall without integral hood,safety shoes or boots-chemical resistand if there is a risk of inhalation of dusts,wear a NIOSH approved respirator with P100 filters. | | | |
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| Control Parameters | | | |
| 8 hours time weighted average exposure limits TWA | Short-term exposure limits STEL | Maximum exposure limits CEILING | Biological standards |
| -- | -- | -- | -- |
| Personal protective equipment : Eyeglasses,glove,helmet,mask,safety shower,eye wash fountain. | | | |
| <ul style="list-style-type: none"> ● Respiratory protection : ● Hand protection : Gloves ● Eye protection : goggle ● Skin and body protection : Wear appropriate protective gloves and clothing prevent and minimize contact with skin. | | | |
| Specific hygiene measures : No information available | | | |

9、Physical and Chemical Properties

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| Appearance(physical state,color,etc.) : Prill ; | Odor : Mild Phenolic |
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| White Colour | |
| Odor threshold : -- | Melting point : 156~157 °C |
| pH : No information available | Boiling point/boiling Range : 220 °C (5hpa)°C |
| Flammability : -- | Flash point & method : 227 °C used : closed cup |
| Decomposition temperature : - | |
| Autoignition temperature : -- | Explosion limits : No information available |
| Vapor pressure : 5.2 mmHg@220°C | Vapor density : 7.9 |
| Density : 1.195 (water=1) | Solubility : acetone, Alcohol |
| Partition coefficient n-octanol/water : 3.32 | Evaporation rate : -- |

10 · Stability and Reactivity

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| Stability : Stable under normal conditions. |
| Possible Hazardous Reaction Occurring under Specific Condition : |
| Stable under normal use conditions |
| Conditions to Avoid : None known. |
| Materials to Avoid : None known. |
| Hazardous Decomposition Products : None expected under normal use conditions. |

11 · Toxicological Information

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| Routes of exposure(inhalation, ingestion, skin and eye contact) : |
| Inhaled, swallowed, keep in touch with eyes, touch SKIN |
| Symptoms : -- |
| Acute toxicity : Low toxicity, LD50 > 2000 mg/kg. |
| Chronic Toxicity or delayed Toxicity : |
| May cause skin sensitization. |

12 · Ecological Information

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| Ecotoxicity : LC50 (fish) : 42 mg/L/96H EC50 (Aquatic Invertebrates) : -- BCF : < 42-96 |
| Persistence and degradability : No information |
| Bioaccumulative potential : -- |

Mobility in soil : --

Other adverse effect : --

13、Disposal Considerations
Recommended Methods for Safe and Environmentally Preferred Disposal :

If this material becomes a waste, it would not be a hazardous waste by RCRA criteria(40 CFR 261).Place in an appropriate disposal facility in compliance with local and federal regulations.

14、Transport Information

UN number : N/A

UN proper shipping name : N/A

Transport hazard class : N/A

Packing group : N/A

Marine pollution : N/A

Specific precautionary transport measures and conditions : --

15、Regulatory Information
Applicable Information :

- 1.Labourer's safe health facilities rule
- 2.Dangerous thing and harmful thing are labeled and know the rule openly
- 3.The specific chemical material endangers the standard of preventing
- 4.The harmful thing permits the thickness standard in the labourer homework
- 5.Safety regulation of the road traffic
- 6.The undertaking of offal stores and removes the treatment method and facility standard

16、Other Information

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| Literature references | THE MERCK INDEX / ChemFinder Net Version 7.0.2 Manuf from phenol and acetone : Jansen, US 2468982 (1949) ; Faith, Keyes & Clark's Industrial Chemical, F. A. Lowenheim, M. K. Moran, Eds. (Wiley-Interscience, New York, 4 th ed., 1975) pp 149-152. Review : Chem. & Eng. News 41, 35 (June 3, 1963) ; ibid. 51, 5 (July 16, 1973). | |
| Organization | Name : CHANG CHUN PLASTICS CO., LTD. DAFA FACTORY | |
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