



Material Safety Data Sheet


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Section 1 - Product and Company Identification

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| Product name : p-Hydroxybenzoic acid |
| Other names : -- |
| Product use : Use for organic compound and fine chemical industry production, as preservative, disinfectant, dye, organic compound industry |
| Supplier's name : San Fu Chemical Co., Ltd., Shan Hua Plant |
| Supplier's address : 340 Hsiao Hsin Li, Shan Hua, Tainan Hsien, Taiwan, R.O.C. |
| Supplier's phone : 886 6 5837608 Emergency phone : 886 6 5837608 |
| FAX. : 886 6 5839498 |

Section 2 - Hazards Identification

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| Classification : |
| 1. Acute Toxicity Category 5 |
| 2. Skin Corrosion/Irritation Category 3 |
| 3. Serious Eye Damage/Eye Irritation Category 2A |
| The Most Important Hazards and effect |
| Label element : |
| Hazard symbol : Exclamation Mark |
|  |
| Signal word : Warning |
| Hazard statement : |
| 1. Harmful if swallowed |
| 2. May cause moderate skin irritation |
| 3. May cause eye irritation |
| Precautionary statement : |
| 1. No eating or drinking in the working area. |
| 2. Avoid contact with eyes and skin. |
| 3. In case of contact, immediately flush with plenty of water, and get medical attention. |
| 4. If swallowed, seek medical advice immediately. |
| Others Hazard : -- |

Section 3 - Composition/Information On Ingredients

Pure Substance :

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| Chemical name : p-Hydroxybenzoic acid |
| Synonyms : 4-Carboxyphenol; Benzoic acid, 4-hydroxy; 4-Hydroxybenzoic acid; p-Salicylic acid |
| CAS No. : 99-96-7 |
| Ingredient contributing to the hazard(%) : 99% |



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Section 4 - First Aid Measures

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| The First-aid Information : <ul style="list-style-type: none">■ Inhalation : Move to fresh air. If not feeling well, get medical attention.■ Skin Contact : Flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing. If not feeling well, get medical attention.■ Eye Contact : Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. If not feeling well, get medical attention.■ Ingestion :<ol style="list-style-type: none">1. Do NOT induce vomiting unless directed to do so by medical personnel2. Never give anything by mouth to an unconscious person.3. If not feeling well, get medical attention. |
| The Most Important Symptoms and Hazardous Effects : -- |
| Protection of First-aiders : -- |
| Notes to a Physician : -- |

Section 5 - Fire Fighting Measures

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| Extinguishing Media : Water, CO ₂ , foam, powder |
| Specific Hazards when Fire-fight : -- |
| Specific Fire-fighting Procedure : -- |
| Specific Protection of Firefighters : Do not stay in dangerous zone without suitable chemical protection clothing and self-contained breathing apparatus. |

Section 6 - Accidental Release Measures

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| Personal Precautions : Avoid contact. Avoid generation of dusts. Do not inhale dusts. |
| Environmental Precautions : -- |
| Methods for Cleaning up : <ol style="list-style-type: none">1. Sweep the spills in the dry condition and discharge it.2. Clean up the affected area. Avoid generation of dusts. |

Section 7 - Handling and Storage

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| Handling : <ol style="list-style-type: none">1. Use in well-ventilated area only.2. Avoid contact with eyes, skin and clothing.3. Do not ingest or inhale. |
| Storage : Keep container in a cool, dry area. |

Section 8 - Exposure Controls & Personal Protection

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| Engineering measures : Use local exhaust ventilation to keep airborne levels below recommended exposure limits. |
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| Control parameters | | | |
|---|------|---------|----------------------|
| TWA | STEL | Ceiling | Biological standards |
| -- | -- | -- | -- |
| Personal protective equipment : <ul style="list-style-type: none"> ■ Respiratory protection : Dust-proof mask. ■ Hand Protection : Rubber gloves. ■ Eye Protection : Safety glasses or goggles. ■ Skin and Body Protection : Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier. | | | |
| Hygiene measures : <ul style="list-style-type: none"> ■ Change contaminated clothing immediately after working. ■ Wear protective mask, goggles, gloves, and protective clothing and boots. ■ Smoking, eating and drinking are prohibited in work area. ■ Wash hands thoroughly after handling with this substance. | | | |

Section 9 - Physical & Chemical Properties

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| Appearance : crystalline powder | Odor : odorless |
| Color : white or yellowish | Melting Point: 214-217 °C |
| pH value : 3.3(20°C, at 1 g/l H ₂ O) | Boiling point/boiling range : 760.00mm Hg |
| Flammability: -- | Flash point : -- |
| Decomposition temp : -- | Test method : -- |
| Auto ignition temp : -- | Explosion properties : -- |
| Vapor pressure : -- | Vapor density : -- |
| Density : -- | Solubility : 8 g/l H ₂ O (20°C) |
| log Kow : -- | Evaporation Rate : -- |

Section 10 - Stability & Reactivity Data

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| Stability : stable under normal temperatures and pressures |
| Possible hazardous reactions under specific conditions : -- |
| Conditions to avoid : excess heat, incompatible materials |
| Materials to avoid : strong oxidants |
| Hazardous decomposition products : CO, CO ₂ |

Section 11 - Toxicological Information

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| Route of exposure : Inhalation 、 Skin 、 Eye 、 Ingestion |
| Symptoms : irritation, nausea, stomach pain, rapid breathing, sweating, coma |
| Immediate Toxicity : |



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- Skin: May cause skin irritation
 - Inhalation: May cause respiratory tract irritation
 - Eye: May cause eye irritation and possible eye injury
 - Ingestion:
 1. May cause digestive tract/gastrointestinal tract irritation
 2. Ingestion of large amounts may also affect the whole body with nausea, stomach pain, rapid breathing, sweating, and possibly coma.
- LD₅₀: 2200mg/kg (Rat, Oral)
 - LC₅₀: --

Specific effects : --

Section 12 - Ecological Information

Ecotoxicology :

- LC₅₀(fish) : --
- EC₅₀(Aquatic Invertebrates) : --
- Bioconcentration factor (BCF) : --

Persistence and degradability :

- Half-Life (Air) : --
- Half-Life (Water surface) : --
- Half-Life (Groundwater) : --
- Half-Life (Soil) : --

Bioaccumulative potential : --

Mobility in soil : --

Other adverse effects : --

Section 13 - Disposal Considerations

Methods of disposal : Dispose of as special waste in compliance with local and national environmental laws and regulations.

Section 14 - MSDS Transport Information

UN classification number : --

Proper D.O.T Shipping Name : --

Hazard Class : --

Packing Group : --

Marine pollution : --

Specific precautionary transport measures and conditions : --

Section 15 - Regulatory Information

Regulations :

1. Regulations for Labor Safety and Health Installations



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| 2. Toxic Chemical Substances Labeling and Safety Data Regulations |
| 3. Road Traffic Safety Regulations |

Section 16 - Other Information

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|--|---|----------|------------------|
| Literature references | 1. CHEMINFO Database, CCINFO CD-ROM, 2005-3 2. Hazardous Substances Chinese Database, Council of Labor Affairs | | |
| Prepared by | Supplier : San Fu Chemical Co., Ltd. Shan Hua Plant | | |
| | Address : 340 Hsiao Hsin Li, Shan Hua, Tainan Hsien, Taiwan, R.O.C. | | |
| | TEL : 06-5837608 | | FAX : 06-5839498 |
| | Name : Chunfel Chang | | |
| Issue date | 2008/8/1 | Revision | 1 |
| Remarks | Symbols Explanations: "--" No information is available at this time. "/" Not applicable to this substance. | | |
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