

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Substance: 2,4-Di-tert-butylphenyl-4'-hydroxy-3',5'-di-tert-butyl benzoate

Trade Names/Synonyms: SONGSORB™ 7120

2,4-di-tert-butylphenyl 3,5-di-tert-butyl-4-hydroxybenzoate;

Benzoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-2,4-bis(1,1-dimethylethyl) phenylester.; C29-H42-O3

Chemical Family: Hydrocarbon, aromatic ester

Manufacturer's Name: Songwon Ind. Co., Ltd

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Americas: Call CHEMTREC Day or Night DOMESTIC NORTH AMERICA 1-800-424-9300 INTERNATIONAL,
CALL USA 703-527-3887 (collect calls accepted)

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SECTION 2 COMPOSITION, INFORMATION ON INGREDIENTS

Ingredient Name	CAS No.	EC Number	%	Exposure Limits
2,4-Di-tert-butylphenyl-4'-hydroxy-3',5'-di-tert-butyl benzoate	4221-80-1	224-166-0	Min. 99.5	No data available
Indented chemicals are components of previous ingredient. PNOR = Particulates Not Otherwise Regulated PNOS = Particulates Not Otherwise Specified				

SECTION 3 HAZARDS IDENTIFICATION

NFPA Ratings (Scale 0-4): No data is available.

Emergency Overview:

Odorless, colorless to light yellow crystalline powder.

No special hazards.

Potential Health Effects:

Inhalation: As with any dust, mechanical irritation is possible to mucous membranes and the respiratory tract.

Skin Contact: Not expected to be a hazard in normal industrial use. May cause slight skin irritation.

Eye Contact: Not expected to be a hazard in normal industrial use. May cause mild eye irritation.

Ingestion: Not expected to be a hazard in normal industrial use.

Carcinogen Status:

OSHA: N

NTP: N

IARC: N

SECTION 4 FIRST AID MEASURES

Inhalation:

FIRST AID- Remove from exposure area to fresh air immediately.

Perform artificial respiration if necessary.

In case of Indisposition, seek medical attention. In case of prolonged exposure, seek medical attention.

Get medical attention immediately.

Skin Contact:

FIRST AID- Remove contaminated clothing and shoes immediately.

Wash with soap or mild detergent and large amounts of water until no evidence of chemical remains (at least 15-20 minutes). Get medical attention immediately.

Do not use organic solvents.

Eye Contact:

FIRST AID- Wash eyes immediately with large amounts of water or normal saline, occasionally lifting upper and lower lids, until no evidence of chemical remains (at least 15-20 minutes).

Get medical attention immediately.

Ingestion:

FIRST AID- Immediately give plenty (>500ml) of water in case of spontaneous vomiting be sure that vomits can freely drain due to danger of suffocation.

Give water repeatedly, artificial Induction of vomiting should be restricted to first aid staff. Give nothing by mouth in cases of unconsciousness or convulsion. Seek medical advice.

SECTION 5 FIRE FIGHTING MEASURES

Fire And Explosion Hazards: Slight fire hazard when exposed to heat or flame.

Extinguishing Media: Dry chemical, carbon dioxide, water spray or regular foam.

Extinguishing media which must not be used for safety reasons high volume water jet.

Firefighting:

Move container from fire area if you can do it without risk.

Special protective equipment for firefighters wear full protective clothing.

Wear self-contained breathing apparatus.

Exposure hazards :

Contaminated water from fire hoses or sprinklers, etc., must be prevented from draining into watercourses, sewers, or the ground water, sufficient measures must be taken to retain water used for extinguishing.

Contaminated water and sol must be disposed of in conformity with local regulations.

Flash Point: No data available

Lower Flammable Limit: No data available

Upper Flammable Limit: No data available

Autoignition: No data available

Hazardous Combustion Products: Thermal decomposition products may include toxic oxides of carbon.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Occupational Spill:

Sweep up and place in suitable clean, dry containers for reclamation or later disposal.

Do not flush spilled material into sewer. Keep unnecessary people away.

Environmental Precautions : Do not flush into surface water, sanitary sewer or ground water system.

Personal Precautions : Do not breathe vapours/dust. Remove all sources of ignition.

Avoid contact with skin, eyes and clothing.

SECTION 7 HANDLING AND STORAGE

Handling

Avoid dust formation and ignition sources. Ensure good local exhaust ventilation.

Do not eat, drink or smoke at the workplace.

Storage

Store away from incompatible substances. Keep away from food and drink.

Store in the original container securely closed.

SECTION 8 EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Limits: No data available.

Eye Protection: Employee must wear splash-proof or dust-resistant safety goggles to prevent eye contact with this substance. (Suitable goggles or face protection)

Clothing: Employee must wear appropriate protective (impervious) clothing and equipment to prevent repeated or prolonged skin contact with this substance. Working clothes, closed footwear.

Gloves: Employee must wear appropriate protective gloves to prevent contact with this substance.

Respirator: Respiratory protection. Effective dust mask.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Description: Odorless, colorless to light yellow crystalline powder.

Molecular Weight: 439

Molecular Formula: C₂₉H₄₂O₃

Boiling Point: Not applicable

Melting Point: 194-197°C

Vapor Pressure: Negligible

Vapor Density: Not applicable

Specific Gravity: 1.06 g/cc(20°C)

Water Solubility: <0.01%(20°C)

Volatility: <0.5%

PH: Not applicable

Odor Threshold: No data available

Evaporation Rate: Not applicable

SECTION 10 STABILITY AND REACTIVITY

Reactivity: Stable under normal temperatures and pressure.

Conditions To Avoid: Static discharges.

Avoid contact with strong oxidizers, excessive heat, sparks, or open flame.

Incompatibilities: Oxidizing materials

Oxidizers (Strong): Fire and explosion hazard.

Hazardous Decomposition: Thermal decomposition products may include toxic oxides of carbon.

Decomposition temperature : >220°C

Polymerization: Hazardous polymerization has not been reported to occur under normal temperatures and pressures.

SECTION 11 TOXICOLOGICAL INFORMATION

Toxicity Data: Toxicity Data: > 2000 mg/kg oral-rat LD50 (Acute);

Target Effects: No data available.

SECTION 12 ECOLOGICAL INFORMATION

Acute Aquatic Toxicity: No data available

Degradability: No data available

Acute Toxicity To Fish : No data available

Acute Toxicity To Bacteria : No data available

Acute Toxicity To Algae : No data available

Log Bioconcentration Factor (BCF): No data available

Log Octanol/Water Partition Coefficient: No data available

SECTION 13 DISPOSAL CONSIDERATIONS

Residual chemical should be disposed by incineration or by other modes of disposal in compliance with local legislation.

SECTION 14 TRANSPORT INFORMATION

No classification currently assigned.

SECTION 15 REGULATORY INFORMATION

Classification : classification not required

SECTION 16 OTHER INFORMATION