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**SECTION 1: Identification of the substance/mixture and of the company**

**Product Code:** PowerSorb™ 1164  
**Product name:** 2,4-Bis(2,4-dimethylphenyl)-6-(2-hydroxy-4-n-octyloxyphenyl)-1,3,5-triazine  
**CAS-No.:** 2725-22-6  
**Manufacturer:** Tintoll Performance Materials Co.,Ltd.  
**Post Address:** A703,No.50 Jialingjiang East St,Nanjing,China  
Email: SDS@TinToll.com  
**Emergency Telephone Number:** +86-25-8468-0091  
**Use of Substance:** For Industrial Use

**SECTION 2: Hazardous identification****OSHA Haz Com: CFR 1910.1200:****WHMIS 2015:**

Skin Corrosion/Irritation [Category 2]

Eye Damage/Irritation [Category 2A]

**Signal word:** Warning!**Hazard Statement(s):** Causes skin irritation

Causes serious eye irritation

**GHS Label elements, including precautionary statements**

Pictogram



Signal word

Warning

Precautionary statement(s)

**[Prevention]** Wash hands and face thoroughly after handling. Wear protective gloves, eye protection.**[Response]** If on skin: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice or attention.

Take off contaminated clothing and wash it before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

**Hazards not otherwise classified (HNOC) or not covered by GHS - none**

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**SECTION 3: Composition/information on ingredients****Substances**Formula: C<sub>33</sub>H<sub>39</sub>N<sub>3</sub>O<sub>2</sub>

Molecular Weight: 509.69 g/mol

CAS-No. : 14516-71-3

Component	Content
2,4-Bis(2,4-dimethylphenyl)-6-(2-hydroxy-4-n-octyloxyphenyl)-1,3,5-triazine	>97.0%

**SECTION 4: First aid measures****Description of first aid measures****If inhaled**

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

**In case of skin contact**

Remove/Take off immediately all contaminated clothing. Gently wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

**In case of eye contact**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Ingestion**

Get medical advice/attention if you feel unwell. Rinse mouth.

**Acute**

No data available

**Delayed**

No data available

**Indication of any immediate medical attention:**

Not available.

**Notes to physician:**

No data available

**SECTION 5: Firefighting measures****Extinguishing media****Suitable extinguishing media**

Dry chemical, foam, water spray, carbon dioxide.

**Special hazards arising from the substance or mixture**

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Take care as it may decompose upon combustion or in high temperatures to generate poisonous fume.

**Advice for firefighters**

Wear self-contained breathing apparatus if possible.

**Further information**

No data available

**SECTION 6: Accidental release measures****Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. Keep people away from and upwind of spill/leak. Entry to non-involved personnel should be controlled around the leakage area by roping off, etc.

**Environmental precautions**

Prevent product from entering drains.

**Methods and materials for containment and cleaning up**

Sweep dust to collect it into an airtight container, taking care not to disperse it. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

**SECTION 7: Handling and storage****Precautions for safe handling**

Handling is performed in a well-ventilated place. Wear suitable protective equipment. Prevent dispersion of dust. Wash hands and face thoroughly after handling.

Use a local exhaust if dust or aerosol will be generated.

Avoid contact with skin, eyes and clothing.

**Conditions for safe storage, including any incompatibilities****Storage conditions**

Keep container tightly closed. Store in a cool and dark place.

Store away from incompatible materials such as oxidizing agents.

**Packaging material:**

Comply with laws.

**SECTION 8: Exposure Controls/Personal Protection****Appropriate engineering controls**

Follow safe industrial engineering/laboratory practices when handling any chemical. Install a closed system or local exhaust as possible so that workers should not be exposed directly. Also install safety shower and eye bath.

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### Personal protective equipment

**Respiratory protection:** Dust respirator. Follow local and national regulations.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses. A face-shield, if the situation requires.

**Skin and body protection:** Protective clothing. Protective boots, if the situation requires.

## SECTION 9: Physical and Chemical Properties

### Information on basic physical and chemical properties

Physical state (20°C):	Solid
Form	Crystal – Powder
Odour	Very pale yellow – Yellow
Odour Threshold	no data available
pH	no data available
Melting point/freezing point	90°C (194°F)
Initial boiling point and boiling range	695°C (1283°F)
Flash point	no data available
Evaporation rate	no data available
Flammability (solid, gas)	no data available
Upper/lower flammability or explosive limits	no data available
Vapour pressure	no data available
Vapour density	no data available
Relative density	no data available
Water solubility	Hot dimethylformamide(DMF)
Partition coefficient: n octanol/water	no data available
Auto-ignition temperature	no data available
Decomposition temperature	no data available
Viscosity	no data available
Explosive properties	no data available
Oxidizing properties	no data available

### Other safety information

no data available

## SECTION 10: Stability And Reactivity

### Reactivity

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no data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

No special reactivity has been reported.

**Incompatible materials**

Oxidizing agents

**Hazardous decomposition products**

Carbon dioxide, Carbon monoxide, Nitrogen oxides (NOx)

**SECTION 11: Toxicological Information**

**Acute toxicity**

No data available

**Skin corrosion/irritation**

No data available

**Serious eye damage/eye irritation**

No data available

**Respiratory or skin sensitization**

No data available

**Germ cell mutagenicity**

No data available

**Carcinogenicity**

No data available

**IARC:** No data available

**NTP:** No data available

**OSHA:** No data available

**Reproductive toxicity**

No data available

**Target organ(s)**

No data available

**SECTION 12: Ecological Effects**

**Toxicity**

No data available

**Persistence and degradability**

No data available

**Bioaccumulative potential**

No data available



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### Mobility in soil

No data available

## SECTION 13: Disposal considerations

### Disposal of product

Recycle to process if possible. It is the generator's responsibility to comply with Federal, State and Local rules and regulations. You may be able to dissolve or mix material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber system. This section is intended to provide assistance but does not replace these laws, nor does compliance in accordance with this section ensure regulatory compliance according to the law. US EPA guidelines for Identification and Listing of Hazardous Waste are listed in 40 CFR Parts 261. The product should not be allowed to enter the environment, drains, water ways, or the soil.

### Disposal of container

Dispose of as unused product. Do not re-use empty containers.

### Other considerations

Observe all federal, state and local regulations when disposing of the substance.

## SECTION 14: Transport Information

### DOT (US)

Not dangerous goods

### IMDG

Not dangerous goods

### IATA

Not dangerous goods

## SECTION 15: Regulatory Information

### Toxic Substance Control Act (TSCA 8b.):

This product is ON the EPA Toxic Substances Control Act (TSCA) inventory.

### US Federal Regulations

### CERCLA Hazardous substance and Reportable Quantity:

#### SARA 302 Components

SARA 302: Not Listed

#### SARA 313 Components

SARA 313: Not Listed

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### State Regulations

#### State Right-to-Know

Massachusetts	Not Listed
New Jersey	Not Listed
Pennsylvania	Not Listed
California Proposition 65:	Not Listed

### Other Information

#### NFPA Rating:

Health: 0

Flammability: 0

Instability: 0

#### HMIS Classification:

Health: 0

Flammability: 0

Physical: 0

### International Inventories

Canada: DSL On DSL

## SECTION 16:Other Information

### Any other precaution

The information herein is made based on references, information and data available at present. It maybe revised when new information is available.

The descriptions herein are for normal handling. For special application, make safety provisions suitable to them prior to use.