

Material Safety Data Sheet

Section 01. Identification of the substance/mixture and the company/undertaking

Product Name: Potassium 3-(phenylsulfonyl)benzenesulfonate TPD-FR678(KSS)
Use of product: Used as flame retardant for PC.
Company details:
Manufacturer/Supplier: Fuzhou Topda New Material Co., Ltd
Address: 17-16, C3# Building, Cangshan Wanda Plaza, 216 Pushang Avenue,
Fuzhou
Telephone number: +86-591-86396155
Fax number: +86-591-86396155
Emergency telephone number: +86-591-15859107755
Email: contact@fluorochemie.com

Section 02. Composition/information on ingredients

Chemical Name	CAS No.	EC No.	Concentration
Potassium 3-(phenylsulfonyl)benzenesulfonate	63316-43-8	264-097-3	≥70%
Dipotassium,3-(3-sulfonatophenyl)sulfonylbenzenesulfonate	63316-33-6	264-096-8	≤30%

Section 03. Hazards identification

No significant fire, explosion, or health hazards.

Section 04. First aid measures

Eye Contact: Immediately flush eyes with large amounts of water. Get immediate medical attention.

Ingestion: Effects unknown. If swallowed, get trained medical help immediately.

Inhalation: In the event of overexposure immediately move the exposed person to fresh air. If they are not breathing give artificial respiration. If breathing appears difficult give oxygen.

Call for trained medical help immediately.

Section 05. Fire-fighting measures

Flash point: 925°F (496°C) Flammable limits (air % by vol.):

a. Lower explosive limit: not established

b. Upper explosive limit: not established

Autoignition: not established

Extinguishing media:

Dry chemical, carbon dioxide, water fog, regular foam.

Fire and Explosion:

No significant hazards. Decompose at 950°F. Vapors are toxic.

Fire Fighting Instructions:

Use self-contained positive pressure breathing apparatus and full fire-fighting equipment.

Approach fire from upwind.

Section 06. Accidental release measures

Wear adequate personal protection while working with spill.

Section 07. Handling and Storage

Precautions for Safe Storage: Not applicable.

Explosion Prevention: Non-flammable.

Precautions for Safe Handling: Store work clothes separately from other combustible materials.

Section 08. Exposure controls/personal protection

Handle in a well-ventilated area.

The PEL for nuisance dust is 15mg/m³ for total dust and 5mg/m³ for respirable fraction; ventilation capable of maintaining exposures below this level is recommended. The use of eye protection and rubber gloves is recommended.

Section 09. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Solid
Color	White
Odour	Odourless
Odour Threshold	No data available
pH	7
Boiling point	No data available
Melting point/freezing point	No data available
Vapour pressure	No data available
Vapour density	No data available
Bulk Density	0.25kg/litre
Evaporation rate	No data available
Solubility (water)	20g/100ml at 20°C
Flash point	No data available
Decomposition temperature	No data available

Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available

Section 10. Stability and reactivity

Materials to Avoid: Stable, keep away from strong oxidizers.

Section 11. Toxicological properties

No LD50's have been established.

No TLV's or PEL's have been established.

Section 12. Ecological information**12.1. Toxicity**

No data available

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6. Other adverse effects

No data available

Section 13. Disposal considerations

Upon disposal Potassium Diphenylsulfonesulfonate has no CERCLA reportable quantities or RCRA hazardous waste codes. Recycle or dispose of in accordance with Federal, State, and Local regulations.

Please note that this information is for this material in its original form. Any alterations made to this material can void this information.

Section 14. Transport information**DOT (US)**

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

Section 15. Regulatory information

TSCA STATUS: On TSCA Inventory CERCLA

RQ: None

SARA TITLE III: None

Section 302 TPQ: Not applicable

Section 304 EHS: Not applicable

Section 311/312: Not applicable

Section 313: Not applicable

RCRA WASTE NUMBER: None

California Proposition 65: No

WHIMS: No

Section 16. Other information

This information is offered in good faith as typical values and not as a product specification. No warranty, expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.