

Materials Safety Data Sheet

1. Product Information

Product Name: DMSNs coated CdTe Quantum Dots (50-60nm)

Chemical Name: Dendritic Mesoporous Silica Microspheres coated Cadmium Telluride Quantum Dots

Number: R-C-5739

2. Physical Data

Boiling Point: Not determined

Solubility: Not determined

Purity: >90%

Appearance: N/A

3. Fire and Explosion Data

Flash point: Not determined

Flammability: No fire or explosion hazard known

Autoignition temperature: Not determined

Explosion limits: None

4. Hazards Identification

Emergency overview: No particular hazard associated with this compound

Health Hazard: None

Eye Hazard: None

Skin Hazard: None

Inhalation: Not determined

Ingestion: Not determined

Target Organs: Not determined

Chronic health effects: Unknown

5. Storage Procedures

Storage at 2-8°C or -20°C.

6. Spill or Leak Procedures

The material can be collected by wet cloth or gently swept into a suitable container for proper disposal.

7. Handling

Wear appropriate safety apparel when handling all materials.
Avoid contact with eyes and skin.
Do not directly breathe in vapors/gas.
Ensure access to a safety shower and eye bath.
Wash thoroughly after handling.

8. First Aid

Oral contact: If swallowed, rinse your mouth in time
Skin contact: Rinse with plenty of soapy water
Eye contact: Flush eyes with plenty of water for a few minutes
Inhalation: Move person into fresh air
In short, if you feel unwell, please seek medical attention immediately.

9. Other information

This product is for research use only, Not for human or animal use.

Non-hazardous Material, Approved For Air Transport.