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Materials Safety Data Sheet

1. Product Information

Product Name:Fe3O4@BaTiO3 Core-Shell Nanoparticles ($BaTiO_3$:20-50nm,Fe_3O_4:50-100nm)
Chemical Name:Fe3O4@BaTiO3 Core-Shell Nanoparticles ($BaTiO_3$:20-50nm,Fe_3O_4:50-100nm)
Number:R-C-8124

2. Physical Data

Boiling Point:Not determined
Solubility:Not determined
Purity:N/A
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 -20℃.

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.