

# **Persian MOF**

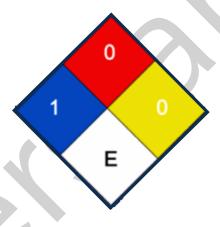
Iran University of Science and Technology, Faculty of Chemistry, Tehran, 16846-13114, Iran

Email: vsafarifard@iust.ac.ir Phone: 0098 21 73228327



# MATERIAL SAFETY DATA SHEET

# MOF-808(Zr)





#### 1. IDENTIFICATION OF THE PRODUCT

Product Name: Zirconium - Metal Organic Framework/MOF-808(Zr)

Use: Research and Development

2. Physical Data

Boiling Point: Not determined Solubility: Not determined

Purity: 90%-99%

Appearance: White/Off-white solid or viscous liquid depends on molecular weight

**3. Fire and Explosion Data** Flash point: Not determined

#### WWW.PERSIANMOF.IR

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.