

XFNANO C60 Powder 1gram

Fullerene C60 Powder Instruction Manual

Brand: XFNANO | Model: C60 Powder 1gram

1. PRODUCT OVERVIEW

This manual provides essential information for the safe and effective handling of XFNANO 99.9% Fullerene C60 Powder. This product is supplied as a dark brown to black powder in a sterile clear glass bottle. It is intended exclusively for **industrial and research-grade applications**.

Important Safety Notice: This product is **NOT** for human or animal consumption



Figure 1.1: Fullerene C60 Powder in Glass Vial. The vial is sealed with a black cap and features a label indicating "Fullerenes C60" and "Purity: 99.9%".



Figure 1.2: Contents of the C60 Powder Vial. This image shows the powder inside the glass vial,

highlighting its dark appearance.



Figure 1.3: Fullerene C60 Powder Form. This image illustrates the powdered form of the product.

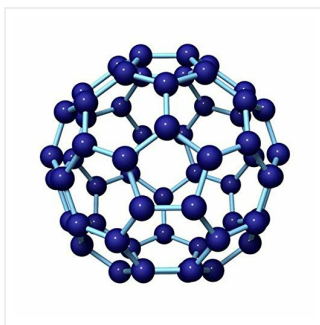


Figure 1.4: Molecular Structure of C60 Fullerene. This diagram shows the spherical arrangement of 60 carbon atoms.

2. SETUP AND INITIAL HANDLING

Upon receiving the Fullerene C60 Powder, inspect the glass vial for any signs of damage or tampering. Ensure the cap is securely fastened.

2.1 Storage

- Store the product in its original sterile clear glass bottle.
- Keep the vial tightly sealed when not in use to prevent contamination and degradation.
- Store in a cool, dry place, away from direct sunlight and strong oxidizing agents.
- Ensure the storage area is well-ventilated.

3. OPERATING INSTRUCTIONS (INTENDED USE)

XFNANO 99.9% Fullerene C60 Powder is designed for use in various industrial and research applications.

3.1 Application Guidelines

- This product is typically used as a raw material or component in advanced materials research, nanotechnology, and other scientific investigations.
- Refer to specific research protocols or industrial standards for detailed application methods.
- Always use appropriate laboratory equipment and techniques when handling the powder.

Warning: Do not use this product for any purpose other than industrial or research applications. It is strictly

prohibited for human or animal consumption, including dietary supplements or cosmetic use.

4. MAINTENANCE AND STORAGE

Proper maintenance and storage are crucial to preserve the purity and integrity of the Fullerene C60 Powder.

- **Container Integrity:** Always keep the powder in its original sterile clear glass bottle. Ensure the cap is tightly sealed after each use.
- **Environmental Conditions:** Store in a cool, dry, and well-ventilated area. Avoid exposure to high temperatures, humidity, and direct sunlight.
- **Chemical Compatibility:** Keep away from strong acids, strong bases, and strong oxidizing agents to prevent chemical reactions or degradation.
- **Contamination Prevention:** Use clean, dedicated tools for handling the powder to avoid cross-contamination.

5. TROUBLESHOOTING

As Fullerene C60 Powder is a chemical reagent, typical "troubleshooting" scenarios relate to purity, storage, or handling.

Issue	Possible Cause	Solution
Powder appears clumpy or discolored	Exposure to moisture or contaminants; improper storage.	Ensure vial is tightly sealed. Store in a dry environment. If purity is compromised, do not use for critical applications.
Reduced performance in application	Degradation due to improper storage or contamination.	Verify storage conditions. Ensure proper handling procedures are followed to prevent contamination. Consider re-testing purity if concerns persist.

For issues not listed or for further technical assistance, please contact XFNANO customer support.

6. SPECIFICATIONS

Key technical specifications for the XFNANO 99.9% Fullerene C60 Powder:

Attribute	Detail
Product Name	Fullerene C60 Powder
Appearance	Dark brown to black powder
Purity	99.9% (HPLC Report available)
Form	Powder
Package Information	Sterile Clear Glass Bottle
Manufacturer	JiangSu XFNANO Materials Tech Co.,Ltd
ASIN	B07NVDD26Z
Date First Available	March 29, 2019

7. SAFETY INFORMATION AND PRECAUTIONS

Handling chemical powders requires strict adherence to safety protocols.

- **Personal Protective Equipment (PPE):** Always wear appropriate PPE, including safety glasses, laboratory coat, and gloves (e.g., nitrile) when handling the powder.
- **Ventilation:** Work in a well-ventilated area or under a fume hood to minimize inhalation of airborne particles.
- **Ingestion: DO NOT INGEST.** This product is not for human or animal consumption.
- **Inhalation:** Avoid breathing dust. If inhaled, move to fresh air. Seek medical attention if irritation persists.
- **Skin Contact:** Avoid direct skin contact. If contact occurs, wash affected area thoroughly with soap and water.
- **Eye Contact:** Avoid eye contact. If contact occurs, flush eyes immediately with plenty of water for at least 15 minutes and seek medical attention.
- **Spill Procedures:** In case of a spill, contain the powder and clean up using appropriate methods (e.g., vacuum with HEPA filter, wet wipe). Dispose of waste according to local regulations.
- **Disposal:** Dispose of Fullerene C60 Powder and contaminated materials in accordance with all applicable local, state, and federal regulations for chemical waste.
- **Emergency Contact:** In case of a chemical emergency, contact your local emergency services.

8. MANUFACTURER AND SUPPORT

This product is manufactured by JiangSu XFNANO Materials Tech Co.,Ltd.

For technical support, product inquiries, or further assistance, please refer to the official XFNANO website or contact their customer service department.

Brand: XFNANO


Manufacturer: JiangSu XFNANO Materials Tech Co.,Ltd




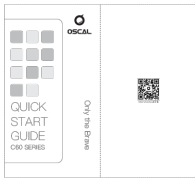

Amazon Store: [Visit the XFNANO Store on Amazon](#)



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Related Documents - C60 Powder 1gram

	<p>Joycat Molecular Model Kit User Manual</p> <p>User manual for the Joycat Molecular Model Kit, detailing package contents, different model types (Ball-and-Stick, Space-Filling, Fullerene C60), and other molecular models like Benzene, Ethanol, Glucose, Carbon Tetrachloride, Aspirin, Vitamin C, Vitamin A, and Luminol. Includes instructions on using the remover tool.</p>
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	<p>CertaUPS C60 Series User Manual: Installation, Operation, and Technical Specifications</p> <p>Comprehensive user manual for the CertaUPS C60 Series line-interactive uninterruptible power supply (UPS). Covers installation, operation, safety, maintenance, troubleshooting, and technical specifications for models C60-800 to C60-2000.</p>
	<p>YEASEN Carrier RNA Powder 310 µg/tube - Nucleic Acid Purification Reagent</p> <p>YEASEN Carrier RNA Powder enhances nucleic acid purification efficiency and reduces degradation. Ideal for low-abundance RNA and DNA extraction, RT-PCR, and RT-qPCR applications. Includes specifications and usage instructions.</p>
	<p>Keephealth C60 Smart Band User Manual and Quick Start Guide</p> <p>A comprehensive guide to setting up and using the Keephealth C60 smart band, covering app download, device connection, health monitoring features, sports modes, and essential care instructions.</p>
	<p>OSCAL C60 Series Quick Start Guide</p> <p>A concise guide for setting up and using the OSCAL C60 Series smartphone, including SIM card insertion, powering on, messaging, language settings, safety precautions, and maintenance tips.</p>
	<p>visocolor® Powder Pillows Nitrite - Reagent for Photometric Water Analysis</p> <p>SEO optimized description for visocolor® Powder Pillows Nitrite reagent, detailing its use in photometric determination of nitrite in surface, ground, and drinking water, including measuring ranges, method, procedure, and safety information.</p>