



# WangTech Enterprise

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Health	1
Flammability	0
Reactivity	0

## Material Safety Data Sheet

Product: **Nano Graphite Tablet**

### Section 1 Product Identification

Chemical Name:	Carbon Fullerene
Formula:	Carbon
Chemical Family:	Synthetic Graphite
Synonyms:	Carbon Nanocapsule
CAS Number:	7782-42-5 (Graphite)

### Section 2 Composition and Information on Ingredients

Component	%	OSHA/PEL	ACGIH/TLV
Synthetic graphite	Up to 95%	15mg/m <sup>3</sup> (total dust) 5mg/m <sup>3</sup> respirable fraction)	2mg/m <sup>3</sup> TWA
Metallic impurity	No		

### Section 3 Hazards Identification

#### Potential Health Effects

Eye Contact:	May cause eye irritation in case direct contact with tablet
Skin Contact:	No known hazards, but may be mildly irritating
Inhalation:	May not happened in solid tablet state
Ingestion:	No known hazards, but may irritate gastrointestinal tract

## **Section 4      First Aid Measures**

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Eye Exposure: Immediately flush eyes with copious amounts of water for 15 minutes in case directly contact tablet without package.

Skin Contact: Flush skin with water.

Inhalation: Not happened in solid tablet state

Ingestion: Not expected to require first aid. If large amounts swallowed, give water and get medical advice.

## **Section 5      Fire Fighting Measures**

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Flash Point: Not applicable. Explosion Limits: Unknown

Extinguisher Medium: Water, Carbon Dioxide, Dry Chemical, or Foam

Special Procedures: None

Decomposition Products: Carbon Monoxide, Carbon Dioxide

Unusual Hazards: Thermal decomposition or combustion may produce dense smoke.

## **Section 6      Accidental Release Measures**

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Spill Procedures: Sweep or vacuum according to normal housekeeping practices.

## **Section 7      Handling and Storage**

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Handling and Storage: A general indoor condition.

## **Section 8      Exposure Controls and Personal Protection**

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Eye Protection: Prevent direct eyes contact tablet without package .

Respiratory Protection: Not happened in solid tablet state.

Skin Protection: Prevent direct skin contact tablet without package.

Ventilation: A general indoor condition.

## **Section 9      Physical and Chemical Properties**

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Form and Color:	Solid tablet, black in color
Molecular Weight:	840 to greater than 10,000,000
Boiling Point:	Not applicable
Melting Point:	Not determined. Expected to be greater than 2000°F
Specific Gravity:	Greater than 1
Solubility in Water:	Insoluble
Odor:	Odorless

## **Section 10     Stability and Reactivity**

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Stability:	Yes
Hazardous Polymerization:	No
Hazardous Decomposition:	Thermal decomposition or combustion may produce dense
Products:	smoke, carbon monoxide and carbon dioxide
Materials to avoid:	Strong oxidizing and reducing agents
Incompatibilities:	None known
Conditions to avoid:	None known

## **Section 11     Toxicological Information**

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Effects:	No toxicological effects
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## **Section 12     Environmental Information**

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Ecological Information:	No ecological harms
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## **Section 13     Disposal Considerations**

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Disposal:	Dispose of this material in accordance with local, state, and federal regulations.
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## Section 14 Transportation Information

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【Transport Note】 Transit should avoid exposure, high temperature or frozen, to avoid the deterioration of the nature of the product.

UN number: Not available

UN Proper shipping name: Graphite Tablet

Environmental Hazards: None

TRANSPORT HAZARD CLASSES:

DOT

This product is not regulated by USDOT as a Hazardous Material (49 CFR 172.101). No UN code assigned. No placard required for transportation.

IMDG Not regulated as a Hazardous Material.

ACAO / IATA Not regulated as a Hazardous Material.

EU (ADR, RID) Not regulated as a Hazardous Material.

## Section 15 Regulatory Information

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This material is listed on the US Toxic Substances Control Act (TSCA) Inventory and the following chemical inventories: Canadian Domestic Substances List (DSL), European Inventory of Existing Commercial Chemical Substances (EINECS), Korean Existing Chemicals List (ECL), Australian Inventory of Chemical Substances (AICS), the Philippines Inventory of Chemicals and Chemical Substances (PICCS), and the Swiss Giftlist 1 Inventory of Notified New Substances. In addition, this substance is not regulated in Japan and excluded from the Japanese Chemical Substances Control Law according to the Japanese Ministry of Economy, Trade and Industry, formerly the Ministry of International Trade and Industry (MITI).

## Section 16 Other Information

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### HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS)

Health	Flammability	Reactivity	basic
1	0	0	Synthetic graphite powder

### NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)

Health	Flammability	Reactivity	basic
1	0	0	Synthetic graphite powder

#### Label Precautions:

Do not get in eyes, on skin or on clothing.  
Wash thoroughly after direct contact tablet by bare hand.  
Use with adequate ventilation.

#### Label First Aid:

In case of eyes contact, immediately flush eyes with plenty of water for at least 15 minutes. If irritation develops or persists, get medical attention.

**Disclaimer: WANGTECH Enterprise Co., Ltd. provides the information contained herein in good faith and makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the product by a properly trained person transporting and storage this product.**

**Preparation Date:** Jau 18, 2021