

SECTION 1 Identification

Product Name: Carbon- Carbon/ Synthetic Graphite- Graphite Powder 200 mesh

Purity: Pure Product

Catalogue Number: 070-070-001, 070-071-002, 070-070-003

Recommended Use: Laboratory Chemical

Instrument Calibration. This product is intended for laboratory testing. This product shall be used by trained personnel only.

Restriction on use:

Do not use this product outside of a laboratory. This product should not be used by untrained personnel.

Manufacturer/ Supplier:

Canada/ International

21 800 Clark-Graham
Baie d'Urfé, (Montreal)
Québec, H9X 4B6
Canada

Phone: +1 (800) 361-6820
Fax: +1 (800) 253-5549

USA

3rd Party Distribution Center
348 Route 11, Champlain,
N.Y. 12919-4816
USA

Phone: +1 (800) 361-6820
Fax: +1 (800) 253-5549

France

12 Ave du Québec
Bât Iberis, SILIC 642
91965 Courtaboeuf,
France

Phone: +33 (0) 1 69 18 71 17
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Germany

Alte Marktoberdorfer
Straße 14, 87616
Marktoberdorf
Germany

Phone: +49 (0) 8342-89560-61
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In the event of a transport emergency, call Chemtrec (24 h): 1-703-741-5970 (CHEMTREC)

In the event of medical emergency, call your local poison centre or equivalent.

SECTION 2 Hazards Identification

Emergency Overview

GHS

Harmonized Classification – Annex VI of Regulation (EC) No 1272/2008 (CLP Regulation)

Classification: Not Classified

Pictograms:



Signal Word: Not Applicable

Hazard Statements

Not Applicable

Precautionary Statements

Not Applicable

Other Hazards: No information available

SECTION 3 Composition and Information on Ingredients

CAS No.	Chemical Name	Percent	Classification ((EC) No 1272/2008)
7782-42-5	Graphite	100%	Not Classified

SECTION 4 First Aid Measures

In case of contact:

Eye: Flush eyes with plenty of water for at least 15 minutes, holding the eyelids open. Neutral saline may be used as soon as it is available. Do NOT interrupt flushing. If irritation persists, repeat flushing. Get medical aid if necessary.

Skin: Flush skin with plenty of water for at least 30 minutes while removing contaminated clothing and shoes. Do NOT interrupt flushing. If irritation persists, repeat flushing. Get medical aid if necessary.

Ingestion: For a precaution: Never give anything by mouth to an unconscious person. If victim is conscious and alert, rinse mouth with water. Do NOT induce vomiting. Get medical aid.

Inhalation: Take proper precautions to ensure your own safety before attempting rescue (e.g., wear appropriate protective equipment). If breathing, move person into fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if necessary.

Most important No information available.

Symptoms:

Notes to Physician/Doctor: Treat symptomatically and supportively.

SECTION 5 Fire-fighting Measures

Fire Hazard Summary:

Not combustible. Firefighters should wear self-contained respirator and full protective gear. During a fire, irritating and toxic gases may be generated by thermal decomposition or combustion.

Extinguishing Media: Whichever is most appropriate for the surrounding fire. Use flooding quantities of water spray or fog.

Extinguishing Media to be Avoided:

Combustion and Thermal Decomposition Products: Toxic fumes.

Special protective equipment and precautions for fire-fighters Firefighters should wear self-contained respirator and full protective gear.

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) HAZARD IDENTIFICATION

Health: 0

Flammability: 0

Reactivity: 0

Special Hazard:

SECTION 6 Accidental Release Measures

Spill Precautions:

Personal precautions: Use personal protective equipment.

Protective equipment and emergency procedures: Ensure adequate ventilation. Evacuate personnel to safe areas.

Clean-up:

SMALL SPILLS: Soak up spill with absorbent material which does not react with spilled chemical. Put material in suitable, covered, labeled containers. Flush area with large quantities of water. Contaminated absorbent material will pose the same hazards as the spilled product.

LARGE SPILLS: Evacuate area. Contact fire and emergency services and supplier for advice.

SECTION 7 Handling and Storage

Handling:

Use only with adequate ventilation and/or personal protective equipment. Wash thoroughly after using. Avoid contact with skin and eyes. Avoid generating vapors or mists. Avoid contact with all incompatible materials. When diluting, always add acid to cold water slowly and in small amounts. Never use hot water and never add water to the acid.

Storage:

Store in a tightly closed container in a cool, well ventilated and dry area. Store away from incompatible materials, heated areas, sparks, and flames. Do not store in metal or glass containers.

Additional Information:

The mixture is intended for use in a laboratory. The mixture as supplied is stable under normal laboratory conditions.

SECTION 8 Exposure Controls and Personal Protection

EXPOSURE GUIDELINES

NIOSH: Not Established.
ACGIH TLV: 10 mg/m³ Total Dust
OSHA Final PEL: 15 mg/m³ Total Dust

Preventive Measures:

Eye / Face protection: Eye-wash station in proximity. Avoid contact with skin and eyes.

Skin protection: Wear suitable clothing and gloves. Refer to OSHA's protection regulations in 29 CFR 1910.133 or European Standard EN166.

Inhalation / Ventilation: Use in a chemical fume hood.

Personal Hygiene: Do not eat or drink in work areas. Wash hands thoroughly after handling this material. Maintain good housekeeping. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Appropriate Engineering Controls: Use laboratory fumehoods in case of insufficient ventilation.

SECTION 9 Physical and Chemical Properties

Information on basic physical and chemical properties

Physical State	Solid Crystalline
Appearance	Grey/ black
Odor	Odorless
Property Values	
pH VALUE	Not Applicable
Melting Point/Range	c. 6605 °F
Boiling Point/Range	c. 8720 °F
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Vapor Pressure	No data available
Vapor Density	c. 0.1%
Relative Density	c. 2 – 2.5

Specific Gravity	No data available
Water Solubility	Soluble
Partition coefficient: n-octanol/water	No data available
Auto ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available

SECTION 10 Stability and Reactivity

Reactivity:	No data available.
Chemical stability:	Stable at room temperature and conditions of use.
Incompatible Materials:	Strong oxidizing agents.
Conditions to avoid:	Excessive heat.
Hazardous Decomposition Products:	Hazardous decomposition products formed under fire conditions. Oxides of carbon.
Hazardous Polymerization:	None reported.

SECTION 11 Toxicological Information

Potential Health Effects

Eye:	The product may cause mechanical irritation on contact.
Skin:	The product may cause mechanical irritation on contact.
Ingestion:	The preparation may cause abdominal pain.
Inhalation:	May cause respiratory tract irritation.

Effects of Short-Term (Acute) Exposure

Carbon Graphite

LD50/LC50:	LD50 Not Available LC50 Not Available
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Effects of Long-Term (Chronic) Exposure

Respiratory or skin sensitization:	No information found.
Germ Cell Mutagenicity:	No component of this product at levels greater than 0.1% is classified as a mutagen.
Reproductive Toxicity:	No component of this product at levels greater than 0.1% is classified for reproductive toxicity.
STOT- Single exposure	No definitive information available on target organs toxicity, single exposure.
STOT- Repeated exposure	No definitive information available on target organs toxicity, repeated exposure.
Aspiration Hazard:	No information found.
Carcinogenicity:	Not listed as a carcinogen by NTP, or CA Prop 65.

Component of this preparation listed in the National Toxicology Program ARC (12th Report on carcinogens): None.

Component of this preparation appearing in the list (June 22, 2012) of chemicals known to the state of California to cause cancer or reproductive toxicity (California Proposition 65):

None.

Note: Non tested mixture can contain crystalline silica which may exceed 0.1%.

Signs and symptoms of exposure:

Skin: The product may cause mechanical irritation on contact with skin.
Eye: The product may cause mechanical irritation on contact with the eyes.
Ingestion: May cause gastrointestinal tract irritation with possible nausea and abdominal pain.
Inhalation: May cause respiratory tract irritation.

SECTION 12 Ecological Information

Eco- toxicity: no information about this preparation is available.
Mobility in soil: no information about this preparation is available.
Persistence and degradability: no information about this preparation is available.
Bioaccumulative potential: no information about this preparation is available.

SECTION 13 Disposal Considerations

Product disposal:

The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material, run off and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional and local authority requirements. Contact a licensed professional waste disposal service to dispose of this material.

Review federal, provincial and local government requirements prior to disposal. Store material for disposal as indicated in Storage Conditions.

Contaminated packaging: Dispose of as unused product.

SECTION 14 Transport Information

IDMG (sea): Not Regulated As A Hazardous Material Or Dangerous Goods For Transportation By This Agency.

ADR/DOT (road): Not Regulated As A Hazardous Material Or Dangerous Goods For Transportation By This Agency.

ICAO/IATA (air): Not Regulated As A Hazardous Material Or Dangerous Goods For Transportation By This Agency.

SECTION 15 Regulatory Information

US Federal:

TSCA ---

US State:

California Prop. 65 See Section 11.

Canada

WHMIS Classifications: Not Classified

EU

Classifications: Xi- Irritant.

Risk Phrase(s): R36/38: Irritating to eyes and skin

SECTION 16 Other Information

Revised: July 10, 2019

Date of previous revision (s): January 31, 2017

Hazard Indications (H) Regulation (EC) No 1272/2008 quoted in Sections 3.

Not Applicable

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