



Product Name: Tgon 800 Series

MSDS Number: 052

Material Safety Data Sheet

(Prepared in accordance with OSHA Hazard communication
Standard 29 CFR 1910.1200 Section (g)(c)(1))

Manufacturer's Name: Thermagon, Inc.
4707 Detroit Road
Cleveland, OH 44102
Date of Preparation: August 2001

Emergency Telephone Number
*** (216) 939 - 2300 ***
Information Telephone Number
*** (216) 939 - 2300 ***

Section 1: Product Identification

Product Name: Tgon 800

Synonym: Graphite

Chemical Family: Flexible Graphite

Formula:

Section 2: Composition Information

Component	CAS Reg. #	Weight %
Graphite	7782-42-5	100

Section 3: Hazards Identification

Potential Health Effects:

- Ingestion:** Ingestion is not expected to be an important route into the body. If ingested, give 2 glasses of water and induce vomiting. Seek medical attention.
- Skin:** If material gets on skin, wash thoroughly with soap and water. Seek medical attention if irritation develops.
- Inhalation:** For overexposure of fumes, vapors, or particulate matter, move the exposed person to fresh air. If breathing is difficult, oxygen may be administered. If breathing has stopped, start artificial respiration. Seek medical help.
- Eyes:** May cause eye irritation. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

Medical Conditions Aggravated: None known

Subchronic Effects: None known

Chronic Effects/Carcinogenicity: This product contains no carcinogens or suspected carcinogens, in concentrations of 0.1% or greater, as defined by OSHA, ACGIH, NTP, and IARC.

Section 4: First Aid Measures

Ingestion: Rinse mouth with water several times.

Skin: Wash with soap and water.

Inhalation: No evidence of adverse effects

Eyes: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

Section 5: Fire Fighting Measures

Flammable Properties:

Flash Point: Unknown

Flammable Limits: LFL: Not Available
UFL: Not Available

Sensitivity to Static Discharge: Not expected

Extinguishing Media: Bulk material is non-combustible. **Dusts are combustible** – use water, carbon dioxide, dry chemical or foam.

Special Firefighting Procedures: Material in or near fires should be cooled with a water spray or fog. A self contained breathing apparatus, operating in the positive pressure mode and full fire fighting protective clothing should be worn for combating fires.

Section 6: Accidental Release Measures

Wipe or scrape spilled material and dispose of material in accordance with federal, state, and local regulations.

Section 7: Handling and Storage

Store in labeled, closed containers away from heat, spark, open flames and other sources of ignition. Do not let containers of material accumulate in the workplace. Any dusts generated during handling or processing should be cleaned up by damp mopping or vacuuming with a unit, which contains a HEPA filter. Dry sweeping can suspend particulate matter in the atmosphere.

Section 8: Exposure Controls/Personal Protection

Engineering Controls: No special ventilation requirements if good ventilation is maintained

Personal Protective Equipment (PPE): Where contact is likely, wear chemical resistant gloves, long sleeves, and safety glasses with side shields.

General Hygiene Considerations: Wash hands thoroughly after handling and before eating or drinking

Exposure Guidelines:

Component	CAS Reg #	OSHA PEL		ACGIH TLV	
		TWA	STEL	TWA	STEL
Graphite	7782-42-5	2.0 mg/m ³	NE	2.0 mg/m ³	NE

Section 9: Physical / Chemical Properties

Boiling Point:	Not available	Volatile by Volume:	Non-volatile
Specific Gravity:	0.8 – 1.8	Vapor Pressure:	Negligible mm Hg @ 25° C
Solubility in Water @ 20°C:	Negligible	Evaporation Rate:	Negligible
Vapor Density:	Negligible (Air = 1)	Physical State:	Solid
Appearance:	Black flexible shapes	Odor:	Slight hydrocarbon

Section 10: Stability and Reactivity

Stability:	Stable
Conditions to Avoid:	None known
Materials to Avoid:	Strong oxidizing agents
Hazardous Polymerization:	Does not occur

Hazardous Decomposition Products: Thermal decomposition or combustion may produce dense smoke, oxides of carbon and low molecular weight organic compounds that have not been characterized.

Section 11: Toxicological Information

No toxicological information has been found for this material.

Section 12: Ecological Information

No specific ecological data for this material is available. Please refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

Section 13: Waste Disposal

Please refer to Sections 5, 6, and 15 for disposal and regulatory information.

Section 14: Transport Information

DOT Shipping Name: None

DOT Hazard Class: None

DOT Label(s): None

UN/NA Number: None

IATA: None

IMO - IMDG Code: None

Section 15: Regulatory Information

SARA Section 302: Not listed

SARA Section 311, 312: Not listed

SARA Section 313: Not listed

Section 16: Other Information

NOTICE: The information herein is based on data considered to be accurate at date of preparation. No warranty is made as to the accuracy or completeness of the foregoing data and safety information. No responsibility can be assumed by vendor for any damage or injury resulting from abnormal use from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.