

MATERIAL SAFETY DATA SHEET

Revision Date: 23-January-2014

1. PRODUCT INFORMATION

Product Identifier:	CarbonWorks Growules
CAS#:	Not Available
Supplier's Name:	Carbon Works, Inc.
Address:	P.O. Box 2222
City:	Arcadia
State:	Florida, USA
Zip Code:	34265
Emergency Telephone Number:	863-444-0801

2. HAZARDOUS INGREDIENTS

The product may contain crystalline silica.

3. PHYSICAL DATA

Physical State:	Solid
Odor:	No odor
Odor Threshold:	Not applicable
Vapor Pressure:	Negligible
Vapor Density:	Not applicable
Evaporation Rate:	Not applicable
Boiling Point:	Not applicable
pH:	9.00-9.50 (12.0 % solution)
Appearance:	Shiny Black Granules
Bulk Density:	650-660 kg/m'
Coefficient of Water/Oil Distribution:	No Data
Percent Volatile (non-water):	0%
Moisture Variation:	May vary depending upon humidity in atmosphere.

4. FIRE AND EXPLOSION HAZARD

Flammability:	Not considered a fire hazard.
Means of Extinction:	Use media appropriate for surrounding fire.
Special Procedures:	Use protective clothing and breathing equipment appropriate for surrounding fire.
Irritability of Product:	Dust causes irritation. Skin contact and ingestion are not considered hazardous. Use organic vapor respirator.
Sensitization to Products:	Negligible.
Dust Explosion Hazard:	Not considered an explosion hazard.
Minimum Ignition Temperature:	Not considered a fire hazard.
Minimum Explosive Concentration:	Not considered an explosion hazard.
MIE:	Not applicable.
Hazard Combustion Products:	Not applicable.
Explosion Data:	Not sensitive.
Susceptibility to Spontaneous Heating/Combustion:	Not susceptible.

5. REACTIVITY DATA

Chemical Stability:	The product is stable under ambient conditions.
Incompatibility with Other Substances:	Non-reactive.
Reactivity:	Not applicable
Hazardous Decomposition Products:	Not applicable

6. TOXICOLOGICAL PROPERTIES

Route of Entry:	Inhalation
Effects of Acute Exposure to Product:	Airborne respirable dust may cause irritation to nose, throat, and lungs. Dust particles may irritate the eyes and impair vision.
Effects of Chronic Exposure to Product:	Prolonged and/or repeated exposure via inhalation may result in progressive and permanent lung disorders and damage. Dust has been related to silicosis.
Irritability of Product:	Dust has been related to silicosis.
Sensitization to Products:	Skin contact is not considered hazardous.
Carcinogenicity:	Negligible.
Teratogenicity:	Not considered a human carcinogen.
Reproductive Toxicity:	Not established.
Mutagenicity:	Not established.
Synergistic Products:	Not established.

7. PREVENTATIVE MEASURES

Personal Protective Equipment:	An approved respirator equipped with a dust filter, approved for silica bearing dust, should be worn when exposed to the product under dust generating conditions. Disposable units are normally satisfactory for short-term or intermittent exposure. The use of additional personal protective equipment varies with severity of conditions. Safety goggles, coveralls and protective footwear are recommended when handling bulk quantities of the product.
Engineering Controls:	Local exhaust ventilation and confinement of handling systems may be required to control exposure to dust.
Leak and Spill Procedure:	Take steps to control product discharge to the environment. Notify appropriate authorities and arrange for recovery of spilled material.
Waste Disposal:	Ensure waste material is disposed of in accordance with applicable environmental regulations, including local requirements.
Handling Procedures and Equipment:	Minimize generation of dust during handling. Provide adequate ventilation. Be aware of dust explosion hazard more than 500°C (=932° F).
Storage Requirements:	Store in dry place. Keep product containers closed or covered where possible.
DOT Classification:	Not Classified.

8. FIRST AID MEASURES

Inhalation:	Inhalation of dust alone is unlikely to result in an emergency situation. If necessary, use adequate respiratory protection and remove victim to fresh air. Get prompt medical attention if breathing difficulty is evident.
Eye Contact:	Flush eyes with large amounts of water to remove residual dust particles. Get medical attention if irritation persists.
Skin Contact, Ingestion:	First aid is usually not necessary.