

## SAFETY DATA SHEET

# DRYFLO™

Date of Preparation: 06/05/2014

SDS #: 004-16831-01MSDS

### SECTION 1: IDENTIFICATION

**Product Identification:** DRYFLO™

**CAS Number:** Not Applicable

**Volumes:** 3 L, 3L Not boxed

**Other Designations:** Not Applicable

**Recommended Use:** For laboratory use only.

**Restrictions:** For laboratory use only.

**Supplier Information:**

Micromeritics Instrument Corp.  
4356 Communications Drive  
Norcross, GA 30093-2901 USA

Contact: Human Resources  
Phone: (770) 662-3636  
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**Manufacturer:** Micromeritics Instrument Corp., 4356 Communications Dr, Norcross, GA 30093-2901 USA, Phone: (770) 662-3678

### SECTION 2: HAZARDS IDENTIFICATION

**GHS Classification:** Not Applicable

**Signal word:** Not Applicable

**Hazard Statement:**

H305: May be harmful if swallowed and enters airways

H316: Causes mild skin irritation

**Pictograms:**



**Precautionary Statements:**

P261 - Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray

P280 - Wear eye protection/ face protection

P285 - In case of inadequate ventilation wear respiratory protection

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water

**Potential Health Effects**

**Primary Entry Routes:** Not Applicable

**Target Organs:** Not Applicable

**Acute Effects**

**Inhalation:** Inhalation may cause lung irritation.

**Eye:** Eye contact may cause irritation.

**Skin:** Not Applicable

**Ingestion:** Not Applicable

**Carcinogenicity:** Not Applicable

**Medical Conditions Aggravated by Long-Term Exposure:** Not Applicable

**Chronic Effects:** Not Applicable

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name	CAS Number	% wt
Natural Graphite	7782-42-5	NA
Ceramic Microspheres	93924-19-7	NA

**Trace Impurities:**

Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH
	TWA	STEL	TWA	STEL	TWA	STEL	IDLH
Natural Graphite	none estab.	none estab.	15 ppm	none estab.	none estab.	none estab.	none estab.
Ceramic Microspheres	none estab.	none estab.	none estab.	none estab.	none estab.	none estab.	none estab.

### SECTION 4: FIRST-AID MEASURES

**Inhalation:** Remove person to fresh air - if breathing problem persists call doctor.

**Eye Contact:** Flush eyes with water - if irritation persists call doctor.

**Skin Contact:** N/A

**Ingestion:** N/A

**Note to Physicians:** N/A

**Special Precautions/Procedures:** N/A

## SECTION 5: FIRE-FIGHTING MEASURES

**Flammability Classification:** N/A

**Extinguishing Media:** N/A

**Unusual Fire or Explosion Hazards:** N/A

**Hazardous Combustion Products:** N/A

**Fire-Fighting Instructions:** N/A

**Fire-Fighting Equipment:** N/A

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Spill /Leak Procedures:** Wet material, sweep up, vacuum and bag.

**Small Spills:** N/A

**Large Spills**

**Containment:** N/A

**Cleanup:** N/A

**Regulatory Requirements:** N/A

## SECTION 7: HANDLING AND STORAGE

**Handling Precautions:** Avoid breathing dust and avoid contact with eyes. Minimize dust generation.

Avoid dry sweeping.

**Storage Requirements:** Store away from food supplies/utensils/ingredients.

**Regulatory Requirements:** N/A

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Handling Precautions:** Avoid breathing dust and avoid contact with eyes. Minimize dust generation.

Avoid dry sweeping.

**Storage Requirements:** Store away from food supplies/utensils/ingredients.

**Regulatory Requirements:** N/A

**Engineering Controls:** N/A

**Ventilation:** Local exhaust to keep within prescribed limits.

**Administrative Controls:** N/A

**Respiratory Protection:** NIOSH / MSHA approved dust respirator.

**Protective Clothing/Equipment:** Gloves: N/A; Eye Protection: 287.1-1979 Goggles (ANSI)

**Safety Stations:** N/A

**Contaminated Equipment:** N/A

**Comments:** N/A

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Flash Point:** N/A

**Flash Point Method:** N/A

**Burning Rate:** N/A

**Autoignition Temperature:** N/A

**LEL:** N/A

**UEL:** N/A

**Physical State:** Not Applicable

**Appearance and Odor:** Gray odorless particles

**Odor Threshold:** Not Applicable

**Vapor Pressure:** Not Applicable

**Vapor Density (Air=1):** Not Applicable

**Formula Weight:** Not Applicable

**Density:** Not Applicable

**Specific Gravity (H<sub>2</sub>O=1):** 0.7 - 0.8

**pH:** "7.0 – 9.9 – 10% Solution"

**Water Solubility:** Insoluble

**Other Solubilities:** Not Applicable

**Boiling Point:** Not Applicable

**Freezing/Melting Point:** Not Applicable

**Viscosity:** Not Applicable

**Refractive Index:** Not Applicable

**Surface Tension:** Not Applicable

**% Volatile:** Not Applicable

**Evaporation Rate:** Not Applicable

## SECTION 10: STABILITY AND REACTIVITY

**Stability:** Stable

**Polymerization:** N/A

**Chemical Incompatibilities:** Avoid hydrofluoric acid, chlorine trifluoride, manganese trioxide, and other powerful oxidizers.

**Conditions to Avoid:** None

**Hazardous Decomposition Products:** N/A

## SECTION 11: TOXICOLOGICAL INFORMATION

**Toxicity Data:**

**Eye Effects:** N/A

**Skin Effects:** N/A

**Acute Inhalation Effects:** N/A

**Acute Oral Effects:** N/A

**Chronic Effects:** N/A

**Carcinogenicity:** N/A

**Mutagenicity:** N/A

**Teratogenicity:** N/A

## SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity:** Not Available

**Environmental Fate:** Not Available

**Environmental Degradation:** Not Available

**Soil Absorption/Mobility:** Not Available

## SECTION 13: DISPOSAL CONSIDERATIONS

**Disposal:** Dispose of in accordance with applicable regulations. Minimize dust generation. Avoid dry sweeping.

**Disposal Regulatory Requirements:** Not Available

**Container Cleaning and Disposal:** Not Available

## SECTION 14: TRANSPORT INFORMATION

**DOT Transportation Data (49 CFR 172.101):**

**Shipping Name:** Not regulated

**Shipping Symbols:** Not Applicable

**Hazard Class:** Not regulated

**ID No.:** Not regulated

**Packing Group:** Not Applicable

**Label:** Not Applicable

**Special Provisions (172.102):**

Not Applicable

### Packaging Authorizations

a) **Exceptions:** Not Applicable

b) **Non-bulk Packaging:** Not Applicable

c) **Bulk Packaging:** Not Applicable

### Quantity Limitations

a) **Passenger, Aircraft, or Railcar:** Not Applicable

b) **Cargo Aircraft Only:** Not Applicable

### Vessel Stowage Requirements

a) **Vessel Stowage:** Not Applicable

b) **Other:** Not Applicable

Canadian TDG Hazard Class & PIN – Not regulated

## SECTION 15: REGULATORY INFORMATION

**EPA Regulations:** N/A

**OSHA Regulations:** N/A

**State Regulations:** N/A

## SECTION 16: OTHER INFORMATION

**Prepared By:** Zuniga, A.

**Revision Notes:** Not Applicable

**Additional Hazard Rating Systems:** Not Applicable

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