

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) 662-3620
Fax: (770) 662-3696

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 (H₂O=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

Disclaimer: The information presented herein is believed to be accurate and was obtained from sources believed to be reliable. However, the information is provided without any representation or warranty, expressed or implied, with respect to its accuracy or completeness. It is the users' responsibility to determine the suitability of this product and the relevance of this information for their use.