

SAFETY DATA SHEET

SEDISPERSE D-12

Date of Preparation: 05/29/2014

SDS #: 004-16812-05MSDS

SECTION 1: IDENTIFICATION

Product Identification: SEDISPERSE D-12

CAS Number: Not Applicable

Volumes: 5 GAL

Other Designations: Not Applicable

Recommended Use: Dispersant

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
Fax: (770) 662-3696

Manufacturer: Micromeritics Instrument Corp., 4356 Communications Drive, Norcross, GA 30093-2901 USA, Phone: (770) 662-3678 Sun Company, Inc., Ten Penn Center, 1801 Market St., Philadelphia, PA 19103-699

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification: Category 1 skin irritation, Category 2 flammable liquid

Signal word: Not Applicable

Hazard Statements:

H226: Flammable liquid and vapor.

H302: Harmful if swallowed.

Pictograms:



Potential Health Effects

Primary Entry Routes: Inhalation, skin contact

Target Organs: Not Applicable

Acute Effects

Inhalation: No hazard at ambient conditions. Exposure to mist above (TLV) 5mg/m³ may result in irritation of throat and lungs.

Eye: Slightly irritating upon direct contact

Skin: Moderate skin irritation upon direct contact. Prolonged or repeated contact may result in contact dermatitis.

Ingestion: Ingestion of concern if aspiration occurs. May result in drowsiness, dullness, numbness, and headache followed by dizziness, weakness, and nausea.

Carcinogenicity: N/A

Medical Conditions Aggravated by Long-Term Exposure: N/A

Chronic Effects: N/A

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	% vol
White Mineral Oil	8052-41-3	NA
Magiesol 40 OK	64742-47-8	NA
Strodex MRK 98	58318-92-6	NA
Emerest 2421	2596-72-4	NA

Trace Impurities:

Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH
	TWA	STEL	TWA	STEL	TWA	STEL	IDLH
Odorless Mineral Spirits	none estab.	none estab.	none estab.	none estab.	none estab.	none estab.	none estab.
Magiesol 40 OK	none estab.	none estab.	none estab.	none estab.	none estab.	none estab.	none estab.
Strodex MRK 98	none estab.	none estab.	none estab.	none estab.	none estab.	none estab.	none estab.
Emerest 2421	none estab.	none estab.	none estab.	none estab.	none estab.	none estab.	none estab.

SECTION 4: FIRST-AID MEASURES

Inhalation: Remove individual to fresh air. If breathing is difficult, administer oxygen.

Eye Contact: Flush with water

Skin Contact: Wash thoroughly with soap and water

Ingestion: Do not induce vomiting; get medical attention

Note to Physicians: Not Applicable

Special Precautions/Procedures: Not Applicable

SECTION 5: FIRE-FIGHTING MEASURES

Flammability Classification: Not Applicable

Extinguishing Media: Use water fog, foam, dry chemical or CO₂. Do not use a direct stream of water. Product will float and can be ignited on surface of water.

Unusual Fire or Explosion Hazards: Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure buildup which could result in container rupture. Container areas exposed to direct flame contact should be cooled with large quantities of water as needed to prevent weakening of container structure.

Hazardous Combustion Products: N/A

Fire-Fighting Instructions: CAUTION: COMBUSTIBLE. Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure NIOSH approved self-contained breathing apparatus. Cool containers exposed to fire with water.

Fire-Fighting Equipment: N/A

SECTION 6: ACCIDENTAL RELEASE MEASURES

Spill /Leak Procedures: Contain spill. Remove all sources of ignition. Absorb with inert material such as sand or clay.

Small Spills: Not Applicable

Large Spills

Containment: Not Applicable

Cleanup: Not Applicable

Regulatory Requirements: Not Applicable

SECTION 7: HANDLING AND STORAGE

Handling Precautions: Not Applicable

Storage Requirements: Keep container closed. Keep containers from freezing. If container develops a leak during storage, transfer to another clean one. Spillage may be cleaned using liquid detergent and water. Sometimes particles may crystallize and “fall out” of Sedisperse liquids during storage. This is usually a result of exposure to cold temperatures. It is corrected by warming the Sedisperse to 40 to 50°C and then vigorously shaking the liquid in a closed container to re-dissolve the particulates.

Regulatory Requirements: Not Applicable

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Not Applicable

Ventilation: Vent vapor or mist

Administrative Controls: Not Applicable

Respiratory Protection: Not required with normal use

Protective Clothing/Equipment: Nitrile rubber gloves, chemical splash goggles. To prevent repeated or prolonged exposure, wear impervious clothing.

Safety Stations: Not Applicable

Contaminated Equipment: Not Applicable

Comments: Not Applicable

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Flash Point: Not Applicable

Flash Point Method: Not Applicable

Burning Rate: Not Applicable

Autoignition Temperature: Not Applicable

LEL: Not Applicable

UEL: Not Applicable

Physical State: Liquid

Appearance and Odor: Clear liquid with slight odor

Odor Threshold: Not Applicable

Vapor Pressure: 70.1mmHg @ 70°F (20°C)

Vapor Density (Air=1): 5.69

Formula Weight: 165

Density: Not Applicable

Specific Gravity (H₂O=1, at 4 °C): 0.789 normal

pH: Not Applicable

Water Solubility: Insoluble in water

Other Solubilities: Not Applicable

Boiling Point: 390-470 °F (200-240 °C)

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: Not Applicable

Chemical Incompatibilities: May react with strong oxidizing agents

Conditions to Avoid: None

Hazardous Decomposition Products: None

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicity Data:

Eye Effects: Not Applicable

Skin Effects: Not Applicable

Acute Inhalation Effects: Not Applicable

Acute Oral Effects: Not Applicable

Chronic Effects: Not Applicable

Carcinogenicity: Not Applicable

Mutagenicity: Not Applicable

Teratogenicity: Not Applicable

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 local, state, and federal regulations

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: Not Applicable

OSHA Regulations: Not Applicable

State Regulations: Not Applicable

SECTION 16: OTHER INFORMATION

Prepared By: Zuniga, A.

Revision Notes: Not Applicable

Additional Hazard Rating Systems: Not Applicable

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