

## 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) 662-3620  
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/m<sup>3</sup> 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 CO<sub>2</sub>. 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 (H<sub>2</sub>O=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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