

MSDS Cover Sheet



INSTRUMENT CORPORATION
ONE MICROMERITICS DR.
NORCROSS, GA 30093-1877 U.S.A.

SEDISPERSE A-11, (1-L)

| REV | REVISION DESCRIPTION | BY | DATE | CHK | REL. NO. | | |
|-----|--------------------------------|----------|----------|-----|----------|----------|---------------|
| | | | | | | DWN BY | J. Pittman |
| | | | | | | ENGR | J. Mocny |
| E | Revision | JP | 07/30/04 | | 040295 | ENGR SIG | G. Killip |
| D | Revision | MD | 04/17/03 | JM | 030236 | HR SIG | J. Mocny |
| C | Correct information | ADG | 08/07/00 | JP | 000503 | QA SIG | A. Dovin |
| B | New format & numbering system. | C. Bills | 11/4/99 | JP | 990544 | ES SIG | K. Massengill |

SIZE
A

NUMBER
004/16801/02MSDS

PAGE
X of 5

Micromeritics Material Safety Data Sheet

Title : SEDISPERSE A-11, (1-L)
Date of Preparation : 07/30/04

MSDS No. : 004/16801/02MSDS
Revision : E

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: Sedisperse A-11

Chemical Formula: N/A

CAS Number: N/A

Other Designations: N/A

General Use: N/A

Supplier: Micromeritics Instrument Corp.
1 Micromeritics Dr.
Norcross, GA 30093-1877 USA

Contact: Human Resources
Phone: (770) 662-3620
Fax: (770) 662-3696

Manufacturer: Micromeritics Instrument Corp. - (same as above)

Section 2 - Composition / Information on Ingredients

| Ingredient Name | CAS Number | % vol |
|--------------------------|------------|-------|
| Odorless mineral spirits | 8052-41-3 | N/A |
| Strodex MRK 98 | 58318-92-6 | N/A |
| Emerest 2421 | 2596-72-4 | N/A |

Trace Impurities:

| Ingredient | OSHA PEL | | ACGIH TLV | | NIOSH REL | | NIOSH |
|--------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | TWA | STEL | TWA | STEL | TWA | STEL | IDLH |
| Odorless mineral spirits | none estab. | none estab. | 100 ppm | 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 3 - Hazards Identification

☆☆☆☆☆ **Emergency Overview** ☆☆☆☆☆

| |
|-------------|
| HMIS |
| H 1 |
| F 2 |
| R 0 |
| PPE† |
| †Sec. 8 |

Potential Health Effects

Primary Entry Routes: Inhalation, skin contact.

Target Organs: N/A

Acute Effects

Inhalation: Excessive inhalation can cause nasal and respiratory irritation.

Eye: Can cause irritation, redness, tearing.

Skin: Prolonged or repeated contact can cause moderate irritation, dermatitis.

Ingestion: Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

Carcinogenicity: N/A

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

Chronic Effects: N/A

Section 4 - First Aid Measures

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

Eye Contact: Flush with water. Get medical attention.

Skin Contact: Thoroughly wash with soap and water.

Ingestion: Do not induce vomiting, keep individual warm and quiet. Seek medical attention.

Note to Physicians: N/A

Special Precautions/Procedures: N/A

Section 5 - Fire-Fighting Measures

Flash Point: 120.0°F (48.9°C)

Flash Point Method: N/A

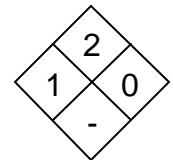
Burning Rate: N/A

Autoignition Temperature: N/A

LEL: N/A

UEL: N/A

NFPA



Flammability Classification: N/A

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: Absorb liquid on paper, vermiculite, or other absorbent material. Spillage may be cleaned using liquid detergent and water.

Small Spills: N/A

Large Spills

Containment: N/A

Cleanup: N/A

Regulatory Requirements: N/A

Section 7 - Handling and Storage

Handling Precautions: N/A

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: N/A

Section 8 - Exposure Controls / Personal Protection

Engineering Controls: N/A

Ventilation: N/A

Administrative Controls: N/A

Respiratory Protection: N/A

Protective Clothing/Equipment: Gloves: Nitrile Rubber. Eye Protection: Chemical Splash goggles. Wear impervious clothing and boots.

Safety Stations: N/A

Contaminated Equipment: N/A

Comments: N/A

Section 9 - Physical and Chemical Properties

Physical State: Liquid

Appearance and Odor: Clear liquid

Odor Threshold: N/A

Vapor Pressure: 68.00°F (20.00°C)

Vapor Density (Air=1): 4.9

Formula Weight: N/A

Density: N/A

Specific Gravity (H₂O=1): 0.76

pH: N/A

Water Solubility: No

Other Solubilities: N/A

Boiling Point: 340 - 400°F (171.11 - 204.44°C)

Freezing/Melting Point: N/A

Viscosity: N/A

Refractive Index: N/A

Surface Tension: N/A

% Volatile: N/A

Evaporation Rate: 70.00

Section 10 - Stability and Reactivity

Stability: Stable

Polymerization: N/A

Chemical Incompatibilities: May react with strong oxidizing agents.

Conditions to Avoid: N/A

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

* See NIOSH, RTECS (????0000), for additional toxicity data.

Section 12 - Ecological Information

Ecotoxicity: N/A

Environmental Fate: N/A

Environmental Degradation: N/A

Soil Absorption/Mobility: N/A

Section 13 - Disposal Considerations

Disposal: Dispose of in accordance with all Local, State and Federal regulations.

Disposal Regulatory Requirements: N/A

Container Cleaning and Disposal: N/A

Section 14 - Transport Information**DOT Transportation Data (49 CFR 172.101):**

Shipping Name: N/A

Shipping Symbols: N/A

Hazard Class: N/A

ID No.: N/A

Packing Group: N/A

Label: N/A

Special Provisions (172.102): N/A

Packaging Authorizations

a) **Exceptions:** N/A

b) **Non-bulk Packaging:** N/A

c) **Bulk Packaging:** N/A

Quantity Limitations

a) **Passenger, Aircraft, or**

Railcar: N/A

b) **Cargo Aircraft Only:** N/A

Vessel Stowage Requirements

a) **Vessel Stowage:** N/A

b) **Other:** N/A

Section 15 - Regulatory Information

EPA Regulations: N/A

OSHA Regulations: N/A

State Regulations: N/A

Section 16 - Other Information

Prepared By: M. Day

Revision Notes: N/A

Additional Hazard Rating Systems: N/A

Disclaimer: N/A