

MSDS Cover Sheet



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

SEDISPERSE A-12, (1-L) BOTTLE

REV	REVISION DESCRIPTION	BY	DATE	CHK	REL. NO.		
						DWN BY	J. Pittman
						ENGR	J.Mocny
E	Revision	JP	08/02/04		040304	ENGR SIG	P. Hendrix
D	Revision	MD	05/06/03	JM	030290	HR SIG	J. Mocny
C	Flash point correction	ADG	7/20/00	JP	000049E	QA SIG	A. Dovin
B	Formal Release - New Format	ADG	07/20/00	JP	990544E	ES SIG	K. Massengill

SIZE
A

NUMBER
004/16802/02MSDS

PAGE
X of 5

Micromeritics Material Safety Data Sheet

Title : SEDISPERSE A-12, (1-L) BOTTLE
Date of Preparation : 08/02/04

MSDS No. : 004/16802/02MSDS
Revision : E

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: Sedisperse A-12

Chemical Formula: Not Applicable

CAS Number: Not Applicable

Other Designations: Not Applicable

General Use: Not Applicable

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., 1 Micromeritics Dr., Norcross, GA 30093-1877 USA, Phone: (770) 662-3678

Section 2 - Composition / Information on Ingredients

Ingredient Name	CAS Number	% vol
White Mineral Oil	80042-47-5	N/A
Magiesol 40 OK	64742-47-8	N/A
Strodex MRK 98	58318-92-6	N/A
Emerest 2421	25496-72-4	N/A

Trace Impurities:

Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH
	TWA	STEL	TWA	STEL	TWA	STEL	IDLH
White Mineral Oil	5mg/m ³	none estab.	5mg/m ³	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 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: 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: Not Applicable

Medical Conditions Aggravated by Long-Term Exposure: Not Applicable

Chronic Effects: Not Applicable

Section 4 - First Aid Measures

Inhalation: If vapor or mist is inhaled when material is heated, remove person to fresh air. If unconscious seek medical attention.

Eye Contact: Flush with water until irritation subsides. If irritation continues for 15 minutes seek medical attention.

Skin Contact: Wash area thoroughly with soap and water. If redness or irritation occurs seek medical attention.

Ingestion: Do not induce vomiting. Seek medical attention.

Note to Physicians: Not Applicable

Special Precautions/Procedures: Not Applicable

Section 5 - Fire-Fighting Measures

Flash Point: 190°F (87.8°C)

Flash Point Method: Not Applicable

Burning Rate: Not Applicable

Autoignition Temperature: Not Applicable

LEL: Not Applicable

UEL: Not Applicable

Flammability Classification: Not Applicable

Extinguishing Media: Dry chemical, foam, carbon dioxide.

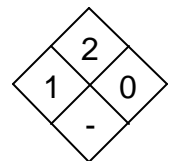
Unusual Fire or Explosion Hazards: Dense smoke may be generated while burning.

Hazardous Combustion Products: Carbon monoxide, carbon dioxide, and other oxides may be generated as products of combustion.

Fire-Fighting Instructions: None

Fire-Fighting Equipment: Not Applicable

NFPA



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: Store in cool, well ventilated area, in closed container.
Regulatory Requirements: Not Applicable

Section 8 - Exposure Controls / Personal Protection

Engineering Controls: Not Applicable
Ventilation: Vent vapor if mist is generated.
Administrative Controls: Not Applicable
Respiratory Protection: Not required with normal use.
Protective Clothing/Equipment: Gloves not required with normal use. Eye Protection not required with normal use. No skin protection required for short duration exposure, use rubber clothing for prolonged or repeated use (gloves, aprons, etc.).
Safety Stations: Not Applicable
Contaminated Equipment: Not Applicable
Comments: Not Applicable

Section 9 - Physical and Chemical Properties

Physical State: Liquid	Water Solubility: Insoluble in water
Appearance and Odor: Clear liquid with slight hydrocarbon odor.	Other Solubilities: Not Applicable
Odor Threshold: Not Applicable	Boiling Point: 390 - 470°F (200 - 240°C)
Vapor Pressure: 70.1mmHg @ 70°F (20°C)	Freezing/Melting Point: Not Applicable
Vapor Density (Air=1): 5.69	Viscosity: Not Applicable
Formula Weight: Molecular weight = 165	Refractive Index: Not Applicable
Density: Not Applicable	Surface Tension: Not Applicable
Specific Gravity (H₂O=1): 0.789 normal	% Volatile: Not Applicable
pH: Not Applicable	Evaporation Rate: no data

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	Acute Inhalation Effects: Not Applicable
Skin 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 Applicable
Environmental Fate: Not Applicable
Environmental Degradation: Not Applicable
Soil Absorption/Mobility: Not Applicable

Section 13 - Disposal Considerations

Disposal: May be landfilled or incinerated at approved facility unless otherwise stipulated by state regulation.
Disposal Regulatory Requirements: Not Applicable
Container Cleaning and Disposal: Not Applicable

Section 14 - Transport Information

DOT Transportation Data (49 CFR 172.101):

Shipping Name: Not Applicable	Packaging Authorizations	Quantity Limitations
Shipping Symbols: Not Applicable	a) Exceptions: Not Applicable	a) Passenger, Aircraft, or
Hazard Class: Not Applicable	b) Non-bulk Packaging: Not	Railcar: Not Applicable
ID No.: Not Applicable	Applicable	b) Cargo Aircraft Only: Not
Packing Group: Not Applicable	c) Bulk Packaging: Not	Applicable
Label: Not Applicable	Applicable	Vessel Stowage Requirements
Special Provisions (172.102): Not		a) Vessel Stowage: Not Applicable
Applicable		b) Other: Not Applicable

Section 15 - Regulatory Information

EPA Regulations: Not Applicable
OSHA Regulations: Not Applicable
State Regulations: Not Applicable

Section 16 - Other Information

Prepared By: M. Day
Revision Notes: Not Applicable
Additional Hazard Rating Systems: Not Applicable
Disclaimer: Not Applicable