

SAFETY DATA SHEET (SDS)

**Manufacturer:**

MicroCare

Product Name:

MicroCare Sticklers™ Optical Grade Dust and Particle Remover - 10 oz. Can

Manufacturer Part Number:

MCC-FOD10A

▶ [Click here for more details on the MicroCare Sticklers™ Optical Grade Dust and Particle Remover - 10 oz. Can](#)

SAFETY DATA SHEET

MicroCare™



This safety data sheet was created pursuant to the requirements of:
US OSHA Hazard Communication Standard (29 CFR 1910.1200)

Revision date 11/28/2023

Revision Number 1

1. Identification

Product identifier**Product Name** FOD - STICKLERS OPTIC GRADE DUST and PARTICLE REMOVER**Other means of identification****Safety data sheet number** AEROSOL-FOD**Product Code(s)** MCC-FOD10A**Synonyms** None**Recommended use of the chemical and restrictions on use****Recommended use** No information available**Restrictions on use** No information available**Details of the supplier of the safety data sheet****Manufacturer Address**

MICROCARE LLC
595 John Downey Drive
New Britain, CT 06051
United States of America
CAGE: OATV9
Tel: + 1 800 638 0125, +1 860-827-0626
techsupport@microcare.com

E-mail techsupport@microcare.com**Emergency telephone number****Emergency Telephone** INFOTRAC 1-800-535-5053 (U.S.A and CANADA)
1-352-323-3500 (from anywhere in the world)

2. Hazard(s) identification

Classification**Hazards not otherwise classified (HNOC)**
Not applicable**Label elements****Hazard statements**

Contact the professionals at Fiber Optic Center for a quote or to get more details.

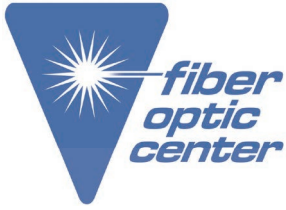
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Data is subject to change without notice. FOC last update 3/12/2026.

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Other information

No information available.

3. Composition/information on ingredients**Substance**

Chemical name	CAS No.	Weight-%	Trade secret
HFC-134a Tetrafluoroethane	811-97-2	100%	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. First-aid measures**Description of first aid measures**

Inhalation	Remove to fresh air.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin contact	Wash skin with soap and water.
Ingestion	Rinse mouth.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Effects of Exposure No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. Fire-fighting measures

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Large Fire	CAUTION: Use of water spray when fighting fire may be inefficient.
Unsuitable extinguishing media	Do not scatter spilled material with high pressure water streams.
Specific hazards arising from the chemical	No information available.
Explosion data	
Sensitivity to mechanical impact	None.
Sensitivity to static discharge	None.
Special protective equipment and	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.

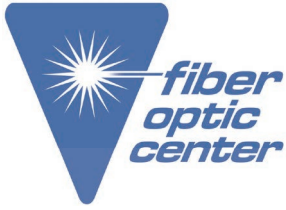
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precautions for fire-fighters Use personal protection equipment.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Pick up and transfer to properly labeled containers.

7. Handling and storage

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed in a dry and well-ventilated place.

8. Exposure controls/personal protection

Control parameters

Exposure Limits This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering controls Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection No special protective equipment required.

Skin and body protection No special protective equipment required.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

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Information on basic physical and chemical properties

Physical state Aerosol
Appearance Aerosol gas Liquid
Color Colourless
Odor Slight Ether
Odor threshold No information available

Property

Values

Remarks • Method

pH	No data available	None known
pH (as aqueous solution)		None known
Melting point / freezing point	No data available	None known
Initial boiling point and boiling range	-26.1	-26.1°C/-15.0°F @ 101.3 kPa
Flash point	No data available	None known
Evaporation rate	No data available	>1 (CCL4=1.0)
Flammability	No data available	None known
Flammability Limit in Air		None known
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapor pressure	6654 hPa @ 25°C/77°F	None known
Relative vapor density	3.6 @ 25 C / 77 F	None known
Relative density	1.208 @ 25°C/77°F	None known
Water solubility	Slightly soluble in water	None known
Solubility(ies)	No data available	None known
Partition coefficient	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature		None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known

Other information

Volatility 100%
Explosive properties No information available
Oxidizing properties No information available
Softening point No information available
Molecular weight No information available
Liquid Density No information available
Bulk density 1.21 g/cm³ @ 25 C (77 F)

10. Stability and reactivity

Reactivity No information available.

Chemical stability Stable under normal conditions.

Possibility of hazardous reactions None under normal processing.

Conditions to avoid None known based on information supplied.

Incompatible materials None known based on information supplied.

Hazardous decomposition products None known based on information supplied.

11. Toxicological information

Information on likely routes of exposure

Inhalation Specific test data for the substance or mixture is not available.

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Eye contact Specific test data for the substance or mixture is not available.

Skin contact Specific test data for the substance or mixture is not available.

Ingestion Specific test data for the substance or mixture is not available.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

Acute toxicity

Numerical measures of toxicity
No information available

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
HFC-134a Tetrafluoroethane 811-97-2	-	-	= 1500 g/m ³ (Rat) 4 h

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation No information available.

Serious eye damage/eye irritation No information available.

Respiratory or skin sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity No information available.

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Aspiration hazard No information available.

Other adverse effects No information available.

Interactive effects No information available.

12. Ecological information

Ecotoxicity The environmental impact of this product has not been fully investigated.

Chemical name	Algae/aquatic plants	Fish	Toxicity to	Crustacea
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HFC-134a Tetrafluoroethane 811-97-2	-	LC50: =450mg/L (96h, Oncorhynchus mykiss)	microorganisms	-
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Persistence and degradability No information available.**Bioaccumulation** There is no data for this product.

Chemical name	Partition coefficient
HFC-134a Tetrafluoroethane 811-97-2	1.06

Other adverse effects No information available.**13. Disposal considerations****Disposal methods****Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.**Contaminated packaging** Do not reuse empty containers.**14. Transport information****DOT****UN number or ID number** Not regulated
Proper shipping name Not regulated
Transport hazard class(es) Not applicable**TDG****UN number or ID number** Not regulated
UN proper shipping name Not regulated
Transport hazard class(es) Not applicable**MEX****UN number or ID number** Not regulated
UN proper shipping name Not regulated
Transport hazard class(es) No information available**ICAO (air)****UN number or ID number** Not regulated
UN proper shipping name Not regulated
Transport hazard class(es) No information available**IATA****UN number or ID number** UN1950
UN proper shipping name Not regulated
Transport hazard class(es) Not applicable
Packing group Not Applicable**IMDG****UN number or ID number** UN1950
UN proper shipping name Not regulated
Transport hazard class(es) Not applicable**Contact the professionals at Fiber Optic Center for a quote or to get more details.**23 Centre Street • New Bedford, MA 02740 USA • focenter.com508-992-6464 | (800) 473-4237 • sales@focenter.com

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15. Regulatory information**International Inventories****TSCA**

TSCA: The ingredients of this product are listed on the active TSCA Inventory.

Chemical name	CAS No.	Inventory Listing Status	Commercial Activity Designation
HFC-134a Tetrafluoroethane	811-97-2	Present	Active

TSCA 12(b)

Chemical name	U.S. - TSCA (Toxic Substances Control Act) - Section 12(b) - Export Notification
HFC-134a Tetrafluoroethane	Not applicable

DSL/NDSL**EINECS/ELINCS****ENCS****IECSC****KECL****PICCS****AIIC****NZIoC**

Contact supplier for inventory compliance status.

Contact supplier for inventory compliance status.

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Legend:**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances**ENCS** - Japan Existing and New Chemical Substances**IECSC** - China Inventory of Existing Chemical Substances**KECL** - Korean Existing and Evaluated Chemical Substances**PICCS** - Philippines Inventory of Chemicals and Chemical Substances**AIIC** - Australian Inventory of Industrial Chemicals**NZIoC** - New Zealand Inventory of Chemicals**US Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

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U.S. State Right-to-Know Regulations

This product does not contain any substances regulated under applicable state right-to-know regulations

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. Other information

NFPA	Health hazards 0	Flammability 0	Instability 0	Special hazards -
HMIS	Health hazards 0	Flammability 0	Physical hazards 0	Personal protection X

Key or legend to abbreviations and acronyms used in the safety data sheet**Legend Section 8: Exposure controls/personal protection**

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	Sk*	Skin designation

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)
U.S. Environmental Protection Agency ChemView Database
European Food Safety Authority (EFSA)
EPA (Environmental Protection Agency)
Acute Exposure Guideline Level(s) (AEGl(s))
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
U.S. Environmental Protection Agency High Production Volume Chemicals
Food Research Journal
Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID)
National Institute of Technology and Evaluation (NITE)
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Library of Medicine's PubMed database (NLM PUBMED)
National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications
Organization for Economic Co-operation and Development High Production Volume Chemicals Program
Organization for Economic Co-operation and Development Screening Information Data Set
World Health Organization

Revision date 11/28/2023

Revision Note No information available.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

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