



A **VERS**atile New **GEN**eration of Specialty Products

Material Safety Data Sheet

Manufacturer's Name:

Griffin Industries, Inc.
4221 Alexandria Pike
Cold Spring, KY 41076

Phone: 1-800-743-7413

Section I – Product Identification

Common Name: VersaGen 100-D
Chemical Name: Fatty Acid Methyl Esters
Formula: C14-C24 Methyl esters
Chemical Family: CAS No: 67784-80-9

Section II – Ingredients and Hazardous Classification

Typical Composition :

Alkyl C14-C24 Methyl Esters	OSHA PEL	ACGIH TLV	Percent:
	none	none	99

This product contains no hazardous materials.

SARA Title III Section 313: Not Listed

Section III - Physical/Chemical Characteristics

Boiling Point: >400° F
Vapor Pressure: <5 mmHg @ 72°F
Evaporation Rate: Less than .005 versus (Butyl Acetate = 1)
Solubility in Water: Insoluble
Appearance and Odor: Clear, Light Yellow Liquid

Specific Gravity (H₂O = 1): 0.88 @ 25°C
Melting Point: -1°C

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used): > 266°F PMCC

Flammable Limits: N/A

HMIS Rating **HEALTH:** 0 **FIRE:** 1 **REACTIVITY:** 0

Extinguishing Media: Use water spray, dry chemical, foam or carbon dioxide.

Special Fire Fighting Procedures: Treat as Oil fire.

Unusual Fire and Explosion Hazards: Rags soaked with any solvent present a fire hazard and should be stored in an approved UL listed covered container.

Section V - Reactivity Data

Reactivity: Stable

Conditions to Avoid: None Known

Incompatibility (Materials to Avoid): Strong Oxidizing agents

Hazardous Decomposition or By-products: Carbon monoxide, Carbon dioxide

Hazardous Polymerization: Will Not Occur

Section VI - Health Hazard Data

Inhalation: No known problems.

Skin Contact: Not classified as a skin irritant or corrosive material.

Eye Contact: Not classified as eye irritants.

Ingestion: LD50 >2000 mg/kg (rat)

Carcinogenicity: None

OSHA Regulated: No

NTP: No

IARC Monographs: No

Emergency and First Aid Procedures:

Ingestion: Rinse mouth with water, contact physician.

Eyes: Rinse with water 15 min., contact physician.

Skin: Rinse with water and soap.

Section VII - Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled: Avoid uncontrolled releases. Contain spilled material. Transfer to secure containers. Use absorbent media if necessary.

Disposal: Dispose of according to Federal, State and/or Local regulations.

Precautions To Be Taken in Handling and Storing: Avoid open flames.

Other Precautions: None

Section VIII - Control Measures

Respiratory Protection: None required

Ventilation: Mechanical

Protective Gloves: Rubber

Eye Protection: Safety Glasses/splash goggles

Other Protective Clothing or Equipment: None required

Work/Hygienic Practices: Use general hygienic work procedures.

Transportation

DOT Code: N/A

DOT Shipping Name: fatty acid esters

Other Regulatory: Listed in TSCA inventory

Date updated: 10/08/04

Person Responsible For Preparation: T. Dobbs 859-472-7363

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