

Material Safety Data Sheet

TRADE NAME: GIOVAREZ 1800

Date of Preparation/Revision 02/01/2010

Section 1 - Chemical Product and Company Identification

Product Name: GIOVAREZ 1800
Chemical Name: Polyvinyl Stearyl Ether
CAS Number: 9003-96-7
Manufacturer: PHOENIX CHEMICAL, INC.
60 Fourth Street
Somerville, New Jersey 08876
Phone (908) 707-0232, Fax (908) 707-0186

CHEMTREC 24-HR EMERGENCY RESPONSE
NUMBER: 1-800-424-9300
INTERNATIONAL CALLS:
COLLECT 1-703-527-3887
CHEMTREC should only be called in the event of
chemical emergencies involving a spill, leak, fire,
exposure, or accident involving chemicals.

Section 2 - Composition / Information on Ingredients

Ingredient Name	CAS Number	% wt/vol
Polyvinyl Stearyl Ether	9003-96-7	> 94 %
Vinyl Stearyl Ether	930-02-9	< 6%

Trace Impurities: Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH
	TWA	STEL	TWA	STEL	TWA	STEL	IDLH
None Known	None Estab.	None Estab.	Not Estab.	Not Estab.	Not Estab.	Not Estab.	Not Estab

Section 3 - Hazards Identification

☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

Potential Health Effects

HMIS
H 0
F 1
R 0
PPE C

There are no potential health effects expected from handling this material. Good manufacturing practices are always recommended when handling any chemical.

There are no significant laboratory data to suggest any hazard to humans. A knowledge of the available toxicology information and of the physical and chemical properties of the material suggests that overexposure is unlikely to aggravate existing medical conditions.

The components of this material are registered with TSCA.

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Human Exposure: Primary routes of exposure are skin and eye contact.

Inhalation: Short-term harmful health effects are not expected from vapor-generated at ambient temperatures.

Eye Contact: May cause some moderate eye irritation.

Skin Contact: Can cause irritation.

Ingestion: May cause nausea, vomiting and/or abdominal pain.

Carcinogenicity: IARC, NTP, and OSHA do not list this product as a carcinogen.

Section 4 - First Aid Measures

Eye Contact: Flush with water for 15 to 20 minutes. Obtain medical attention.

Skin Contact: Flush with water. Obtain medical attention.

Inhalation: Move to fresh air source. Obtain medical attention.

Ingestion: Give victim 2 glasses of water and induce vomiting. Never give anything by mouth to an unconscious person. Obtain immediate medical attention.

After first aid, get appropriate in-plant, paramedic, or community medical support.

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Section 5 - Fire-Fighting Measures

Flash Point: >200° F

Flash Point Method: PMCC

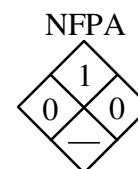
Flammable Limits: LEL: N/D

UEL: N/D

Extinguishing Media: CO₂, Foam, Dry Chemical, Water Spray.

Fire-Fighting Instructions: Solid hose streams tend to scatter liquid and spread fire. Water spray cools the burning surface and helps exclude air. Fire-fighters should wear self-contained breathing apparatus operated in positive pressure mode. Do not release runoff from fire control methods to sewers or waterways.

Unusual Fire & Explosion Hazards: None



Section 6 - Accidental Release Measures

Safeguards (Personnel): Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean up.

Spill /Leak Procedures: Absorb and collect for disposal in accordance with applicable Federal, State, or local regulations.

Containment: For large spills, Eliminate all ignition sources, exclude workers not wearing protective equipment, dike area, pump to a grounded salvage tank. Absorb the remainder and shovel into an appropriate waste container. Do not release into sewers or waterways.

Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120).

Section 7 - Handling and Storage

Handling Precautions: (Personnel) OSHA regulated splash goggles, resistant gloves (such as Buna-N). It is recommended that good manufacturing procedures be observed while handling this product. Containers may be hazardous when emptied. Emptied containers retain product residue (vapor, liquid, solid), all hazard precautions given in this data sheet must be observed.

Storage Requirements: Keep container tightly closed.

Section 8 - Exposure Controls / Personal Protection

Ventilation: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs (Sec.2). Local exhaust ventilation is preferred, it prevents contaminant dispersion into work area by controlling it at its source.

Respiratory Protection: Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear an MSHA/NIOSH-approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen. For emergency or non-routine operations (cleaning spills, reactor vessels, or storage tanks), wear a SCBA.

Warning! Air-purifying respirators do not protect workers in oxygen-deficient atmospheres. If respirators are used, OSHA requires a written respiratory protection program that includes at least: medical certification, training, fit testing, periodic environmental monitoring, maintenance, inspection, cleaning, and convenient, sanitary storage areas.

Protective Clothing/Equipment: Wear chemically protective gloves, boots, aprons, and gauntlets to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations (29 CFR 1910.133). Contact lenses are **not** eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

Safety Stations: Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

Contaminated Equipment: Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

Section 9 - Physical and Chemical Properties

Physical State: Solid

Appearance and Odor: off-white, characteristic odor

Vapor Pressure, mm Hg: N/D

Specific Gravity (H₂O=1, @ 15.6°C): 1.4

pH: N/A

Water Solubility: Insoluble

Boiling Point: N/A

Freezing/Melting Point: 42-48°C

Viscosity: N/A

% Volatile: Nil

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Section 10 - Stability and Reactivity

Stability: Product is **STABLE** at room temperature in closed containers under normal storage and handling conditions.

Hazardous Polymerization: Will not occur.

Chemical Incompatibilities: Strong acids, alkalis and oxidizers.

Conditions to Avoid: Extreme heat.

Hazardous Decomposition Products: Oxides of Carbon.

Section 11 - Toxicological Information

A knowledge of the available toxicology information and of the chemical properties of the material suggests that overexposure is unlikely to aggravate existing medical conditions.

Section 12 - Ecological Information

N/A

Section 13 - Disposal Considerations

Disposal: Contact a licensed contractor for detailed recommendations. Follow applicable Federal, State, and local regulations.

Section 14 - Transport Information

DOT Transportation Data (49 CFR 172.101):

Proper Shipping Name: Not Regulated

UN Number: None

Packing Group: N/A

Hazard Classification: None

Section 15 - Regulatory Information

TSCA Inventory Status: Listed

Domestic Substance List (DSL): This product is listed on the DSL inventory of Canada.

Australian Inventory of Chemical Substances (AICS): This product is listed on the AICS inventory of Australia.

Japan Inventory of Chemical Substances (MITI): This product is listed on the Japanese inventory.

European Inventory of Existing Chemical Substances (EINECS): This product is not listed on the EINECS inventory of Europe.

EPA Regulations: SARA 311/312 Codes:

Acute: None

Chronic: None

Fire: None

Reactivity: None

Pressure: None

State Regulations:

State	Component	CAS #	Wt.
NONE			

Section 16 - Other Information

Prepared by: PHOENIX CHEMICAL, INC.

60 Fourth Street

Somerville, NJ 08876

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Fax: 908-707-0186

Disclaimer: While the information herein is believed to be reliable, PHOENIX CHEMICAL, INC. does not guarantee its accuracy. Purchasers are urged to conduct their own tests. PHOENIX CHEMICAL, INC. warrants its materials, as described herein, shall conform to the written specifications for such materials. PHOENIX CHEMICAL, INC. makes no other warranty, either express or implied, as to the materials' merchantability or fitness for purpose. In no event shall PHOENIX CHEMICAL, INC.'s liability for breach of this warranty exceed the purchase price of the material for which such breach is claimed. Nothing contained herein is intended as a recommendation to use PHOENIX CHEMICAL, INC. products so as to infringe any patent and no liability for customer's violation of patent or other rights is assumed.