



- fisher catalog
- fisher chemical
- acros organics
- fisher healthcare
- fisher safety
- fisher life science
- bioreagent catalog
- inventory clearance center

- login
- catalogs
- ordering
- what's new
- about us
- suppliers
- support
- sitemap
- help
- home

▶ Fisher Chemical Catalog

rapid order
shopping cart
hot list
load templates
order status

Search: Search [Power Search](#)

[All Catalogs](#) | [Fisher BioReagent Catalog](#) | [Polyethylene Glycol 8000 \(P.E.G.\) to Pyronin Y](#) | [Polyeth 8000 \(P.E.G.\)](#) | [Polyethylene Glycol 8000 \(P.E.G.\)](#) | [MSDS](#)

Material Safety Data Sheet Carbowax PEG 8000

ACC# 19125

Section 1 - Chemical Product and Company Identification

MSDS Name: Carbowax PEG 8000
Catalog Numbers: BP233 1, BP233 100, BP233-1, BP233-100, BP2331, BP233100, P155 1 001, P155 10 002, P155 10 003, P155 10 004, P155 10 005, P155 10 006, P155 10 007, P15 10 009, P155 10 010, P155 500, P155-10, P155-500, P15510, P15510 001, P15510 002, P15 15510 004, P15510 005, P15510 006, P15510 007, P15510 008, P15510 009, P15510 010, P15510002, P15510003, P15510004, P15510005, P15510006, P15510007, P15510008, P15 15510010, P155500, P156 3, P156 500, P156-3, P156-500, P1563, P156500
Synonyms: Poly(oxy-1,2-ethanediyl), .alpha.-hydroxy-.omega.-hydroxy-; Polyethylene glycol
Company Identification:
 Fisher Scientific
 1 Reagent Lane
 Fairlawn, NJ 07410
For information, call: 201-796-7100
Emergency Number: 201-796-7100
For CHEMTREC assistance, call: 800-424-9300
For International CHEMTREC assistance, call: 703-527-3887

Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name	Percent	EINE
25322-68-3	Poly(oxy-1,2-ethanediyl),.alpha.-hydro-.omega.-hydroxy-	100	

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Appearance: white. **Caution!** This is expected to be a low hazard for usual handling. May cause irritation.
Target Organs: None.

Potential Health Effects

Eye: May cause mild eye irritation.

Skin: Low hazard for usual industrial handling.

Ingestion: May cause gastrointestinal irritation with nausea, vomiting and diarrhea.

Inhalation: No hazard expected in normal industrial use.

Chronic: Prolonged or repeated skin contact may cause dermatitis.

Section 4 - First Aid Measures

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the lower lids. Get medical aid.

Skin: Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists.

Ingestion: If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything to an unconscious person. Get medical aid.

Inhalation: Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Notes to Physician: Treat symptomatically and supportively.

Section 5 - Firefighting Measures

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand mode (approved or equivalent), and full protective gear. Dusts at sufficient concentrations may be generated by explosive mixtures with air. During a fire, irritating and highly toxic gases may be generated by decomposition or combustion.

Extinguishing Media: In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam.

Autoignition Temperature: Not available.

Flash Point: 268 deg C (514.40 deg F)

NFPA Rating: health-0; flammability-1; reactivity-0 Explosion Limits, Lower: Not available. Upper: Not available.

Section 6 - Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Sweep up or absorb material, then place into a suitable clean, dry, closed container for disposal.

Section 7 - Handling and Storage

Handling: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use adequate ventilation.

Storage: Store in a cool, dry place.

Section 8 - Exposure Controls, Personal Protection

Engineering Controls: Good general ventilation should be sufficient to control airborne level.
Exposure Limits

Chemical Name	ACGIH	NIOSH
Poly(oxy-1,2-ethanediyl),.alpha.-hydro-.omega.-hydroxy-	none listed	none listed

OSHA Vacated PELs: Poly(oxy-1,2-ethanediyl),.alpha.-hydro-.omega.-hydroxy-: No OSHA V are listed for this chemical.

Personal Protective Equipment

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by O face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Follow the OSHA respirator regulations found in 29CFR 1910.134 or European 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessar

Section 9 - Physical and Chemical Properties

Physical State: Solid

Appearance: white

Odor: None reported

pH: Not available.

Vapor Pressure: Not available.

Vapor Density: Not available.

Evaporation Rate:

Viscosity: Not available.

Boiling Point: Not available.

Freezing/Melting Point: 60 deg C

Decomposition Temperature: Not available.

Solubility: Soluble in water.

Specific Gravity/Density: 1.20

Molecular Formula: H-[CH₂CH₂O]_n-OH

Molecular Weight:

Section 10 - Stability and Reactivity

Chemical Stability: Stable.

Conditions to Avoid: Incompatible materials.

Incompatibilities with Other Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.

Hazardous Polymerization: Will not occur.

Section 11 - Toxicological Information

RTECS#:

CAS# 25322-68-3: TQ3500000 TQ3600000 TQ3610000 TQ3620000 TQ3630000 TQ365000
TQ3700000 TQ3800000 TQ3850000 TQ4025000 TQ4026000 TQ4027000 TQ4028000 TQ40
TQ4040000 TQ4041000 TQ4050000 TQ4070000 TQ4100000 TQ4105000 TQ4110000 TQ49
TQ5090000 TR1579850 ZD2465300

LD50/LC50:

CAS# 25322-68-3:

Oral, mouse: LD50 = 34 gm/kg;

Oral, rabbit: LD50 = 14 gm/kg;

Oral, rat: LD50 = 28 gm/kg;

Skin, rabbit: LD50 = >20 gm/kg;

Carcinogenicity:

CAS# 25322-68-3: Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

Epidemiology: No data available.

Teratogenicity: No data available.

Reproductive Effects: No data available.
Neurotoxicity: No data available.
Mutagenicity: No data available.
Other Studies: No data available.

Section 12 - Ecological Information

Ecotoxicity: Not available.
Environmental Fate: Not available.
Physical/Chemical: Not available.
Other: Not available.

Section 13 - Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.
RCRA D-Series Maximum Concentration of Contaminants: None listed.
RCRA D-Series Chronic Toxicity Reference Levels: None listed.
RCRA F-Series: None listed.
RCRA P-Series: None listed.
RCRA U-Series: None listed.

Section 14 - Transport Information

	US DOT	IATA	RID/ADR	IMO
Shipping Name:	No information available.	No information available.	No information available.	No information available. No information available.
Hazard Class:				
UN Number:				
Packing Group:				

Section 15 - Regulatory Information

US FEDERAL

TSCA

CAS# 25322-68-3 is listed on the TSCA inventory.

Health & Safety Reporting List

None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules

None of the chemicals in this product are under a Chemical Test Rule.

Section 12b

None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule

None of the chemicals in this material have a SNUR under TSCA.

SARA

Section 302 (RQ)

None of the chemicals in this material have an RQ.

Section 302 (TPQ)

None of the chemicals in this product have a TPQ.

Section 313

No chemicals are reportable under Section 313.

Clean Air Act:

This material does not contain any hazardous air pollutants. This material does not contain an Ozone depleters. This material does not contain any Class 2 Ozone depleters.

Clean Water Act:

None of the chemicals in this product are listed as Hazardous Substances under the CWA. None of the chemicals in this product are listed as Priority Pollutants under the CWA. None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA:

None of the chemicals in this product are considered highly hazardous by OSHA.

STATE

CAS# 25322-68-3 can be found on the following state right to know lists: Minnesota. California No Significant Risk Level: None of the chemicals in this product are listed.

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols:

Not available.

Risk Phrases:

Safety Phrases:

WGK (Water Danger/Protection)

CAS# 25322-68-3: 1

Canada

CAS# 25322-68-3 is listed on Canada's DSL/NDL List. This product has a WHMIS classification of Not controlled.

CAS# 25322-68-3 is not listed on Canada's Ingredient Disclosure List.

Exposure Limits

Section 16 - Additional Information

MSDS Creation Date: 3/10/1995

Revision #4 Date: 9/02/1997

The information above is believed to be accurate and represents the best information currently available to us. How warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume resulting from its use. Users should make their own investigations to determine the suitability of the information for their purposes. In no way shall Fisher be liable for any claims, losses, or damages of any third party or for lost profits or a indirect, incidental, consequential or exemplary damages, howsoever arising, even if Fisher has been advised of the damages.

 help

Need help with a product? Send [email](#) to Fisher's customer service or call us at 1-800-766-