

Safety Data Sheet

PEG 3350

SECTION I. IDENTIFICATION

I.1 Material Code: PEG3350 I.2 Language: English I.3 Version: 3
I.4 Issuing date: 12/06/2018 I.5 Update: 1/6/2020
I.6 Issuing company name: *Silver Fern Chemical, Inc.
2226 Queen Anne Avenue North
Seattle, WA 98109, USA
Phone : 1-866-282-3384
info@silverfernchemical.com*
I.7 In case of emergency contact: *Infotrac 1-800-535-5053 (USA & Canada)
Outside USA & Canada 1-352-323-3500*
I.8 Commercial name: *PEG 3350*
I.9 Synonyms: *Polyoxyethylene glycol 3350*
I.10 Applications: *Industrial chemical intermediary*

SECTION II. HAZARD(S) IDENTIFICATION

II.1 Risk Classification:
Not a hazardous substance or mixture.

II.2 Label elements GHS:
Word of Warning *Not a hazardous substance or mixture.*
Pictogram:
This product does not require any hazard warning label according to the GHS criteria.

II.3 Precautionary statement (s): *Keep container tightly closed.
Keep away from heat/sparks/open flame. - No smoking.
Wear protective gloves and eye/face protection.
Store in cool/well-ventilated place.
Avoid release to the environment.*

II.4 Dangerous not otherwise classified:
None (a)

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V.4 Risk conditions for an unusual fire

In case of fire, formation of toxic combustion gases is possible.

V.5 Hazardous combustion products

In case of fire, CO and CO₂ are released.

SECTION VI. ACCIDENTAL RELEASE MEASURES

VI.1 Immediate Procedure and Precautions

Contain leakage using appropriate protective equipment. Collect with absorbent material, place material in a suitable container for disposal.

VI.2 Mitigation Method

Use inert material to contain the leak or spill.

SECTION VII. HANDLING AND STORAGE

VII.1 During handling:

*Avoid contact with eyes and skin.
Smoking should be prohibited in storage areas and during its use.*

VII.2 During storage:

Store in a dry, well-ventilated area away from flame, heat, or other ignition sources.

SECTION VIII. EXPOSURE CONTROLS / PERSONAL PROTECTION

VIII.1 Specific personal protection equipment - Hand Protection

Butyl, Neoprene or PVC gloves.

VIII.2 Specific personal protection equipment - Eyes Protection

Safety glasses.

VIII.3 Specific personal protection equipment - Other Protection

Protective clothing to minimize skin contact and chemical resistant shoes should be used.

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SECTION IX. PHYSICAL AND CHEMICAL PROPERTIES

IX.1 Boiling Point, ° C	>200	IX.9 Relative density @ 20 ° C	min 1.1
IX.2 Melting Point, ° C	53-59	IX.10 pH	4.5 - 7.5
IX.3 Flash Point, ° C	> 250	IX.11 Molecular weight, g/gmol	3000 - 3685
IX.4 Auto ignition temperature, ° C	> 360	IX.12 Physical state, 25°C	Solid
IX.5 Evaporation speed	ND	IX.13 Color	Colorless
IX.6 Solubility in water	Soluble	IX.14 Odor	Characteristic
IX.7 Vapour pressure @ 25 ° C	<0.1	IX.15 Ignition limits	ND
IX.8 Volatility percentage (21 ° C)	ND	IX.16 Other data	Hygroscopic

SECTION X. STABILITY AND REACTIVITY**X.1 Stability**

Stable.

X.2 Incompatibility

Oxidants.

X.3 Hazardous decomposition products

When heated to decomposition, carbon monoxide and carbon dioxide are produced.

X.4 Spontaneous polymerization

Will not occur.

X.5 Other conditions to ensure during the use of the chemical to prevent it from suddenly reacting

Heavy oxidants.

SECTION XI. TOXICOLOGICAL INFORMATION**XI.1 Acute toxicity**

LD50 Oral - Rat - 30,000 mg/kg

Inhalation: No data available

LD50 Dermal - Rabbit - > 20,000 mg/kg

XI.2 Skin corrosion / irritation

Skin - Rabbit

Result: No skin irritation - 4 h

XI.3 Eye irritation

Eyes - Rabbit

Result: Mild eye irritation

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XI.4 Sensitization

Non-sensitizing

XI.5 Germ cell mutagenicity / carcinogenicity

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA

SECTION XII. ECOLOGICAL INFORMATION

XII.1 Biodegradation:

*80 % (28 d)
readily degradable
Method: OECD 301 E*

XII.2 Fish toxicity:

*LC50 > 10 g/l (48 h, golden orfe)
Method: DIN 38412 T.15*

SECTION XIII. DISPOSAL CONSIDERATIONS

XIII.1 Waste disposal information

Recommended disposal is by incineration or landfill approved.

All waste must be handled in accordance with local, state and federal regulations. Legislation addressing waste disposal requirements may differ by country, state and/ or territory.

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SECTION XIV. TRANSPORT INFORMATION**XIV.1 DOT***Not restricted***XIV.2 IMDG***Not restricted***XIV.3 IATA***Not restricted***XIV.4 No. UN NR****SECTION XV. REGULATORY INFORMATION***TSCA: All the components of this product are cataloged in the Inventory.**SARA (section 311/312):**REACTION HAZARD: No**Pressure Hazard: No**Fire hazard: No**Immediate / acute: No**Delayed / chronic: No**SARA 313: This product does not contain any toxic chemicals listed in Section 313 of the 1986 Emergency Planning and Right to Know Act.**Clean Water Law: Contains no known priority pollutants at concentrations greater than 0.1%.**Volatile VOC organic compounds: Remark: Not available**NFPA:**Health: 1**Flammability: 1, Reactivity: 0**Special Risk: -**HMIS:**Health: 1, Flammability: 1, Reactivity: 0**EPP: I*

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SECTION XVI. OTHER INFORMATION**XVI.1 Bibliography:**

PERRY, Chemical Engineer's Handbook, Sixth Edition, Edit. Mc. Graw Hill.

NOM-018-STPS-2015, System for the identification and communication of hazards and risks from hazardous chemicals in the workplace.

GRE 2016 (Emergency response guide).

CARRIAGE OF DANGEROUS GOODS, INTERNATIONAL MARITIME DANGEROUS GOODS (IMDG) CODE, ANNEXES AND SUPPLEMENTS, Revised Emergency Response Procedures for Ships Carrying , Dangerous Goods (EmS Guide) , Ref. T3/1.01.

NFPA 704, Standard for identifying the risks of material for emergency response system.

FEDEX Dangerous Goods Help Guide 2014.

Dangerous Goods Regulations of the IATA, 52a Edición.

<http://www.sigmaldrich.com/safety-center.html>

<http://www.avantormaterials.com/search.aspx?searchtype=msds>

http://www.merckmillipore.com/MX/es/documents/Z.qb.qB.tecAAAFDDJUsznLq.nav?CategoryName=010814123202&CategoryDomainName=Merck-content_catalog

[IMDG Code - International Maritime Dangerous Goods.](#)

[SGA - GSA \(Globally Harmonized System\).](#)

[Regulation for land transport of hazardous materials and wastes.](#)

[NMX-R-019-SCFI-2011 Harmonized classification and hazard communication of chemicals.](#)

XVI.2 Issuing date: 7/21/2009

XVI.3 Update: 1/6/2020

XVI.4 Control changes:

Version 6 - Modification of the format and the information contained, according to the guidelines of the NOM-018-STPS 2015

NA: Not Applicable **ND:** Not Determined **NR:** Not Registered or Not Regulated

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