

Scientific Documentation

Polyethylene Glycol 600, NF

Not appropriate for regulatory submission. Please visit www.spectrumchemical.com or contact Tech Services for the most up-to-date information contained in this information package.

Spectrum Chemical Mfg Corp 769 Jersey Avenue New Brunswick, NJ 08901 Phone 732.214.1300





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Specification for Polyethylene Glycol 600, NF (PO115)

| Item Number | PO115 |
|-------------------|--|
| Item | Polyethylene Glycol 600, NF |
| CAS Number | 25322-68-3 |
| Molecular Formula | H(OCH ₂ CH ₂) _n OH |
| Molecular Weight | |
| MDL Number | |
| Synonyms | PEG-12 |

| Test | Specific | cation |
|---|-------------------------------|-------------|
| | Min | Max |
| AVERAGE MOLECULAR WEIGHT | 570 | 630 |
| COMPLETENESS AND COLOR OF SOLUTION | CLEAR AND COLORLESS | |
| VISCOSITY @ $98.9 \pm 0.3^{\circ}C$ (210°F) | 9.9 | 11.3 cSt |
| pH OF A 5% SOLUTION @ 25°C | 4.5 | 7.5 |
| RESIDUE ON IGNITION | | 0.1 % |
| ELEMENTAL IMPURITIES: | | |
| NICKEL (Ni) | | AS REPORTED |
| CHROMIUM (Cr) | | AS REPORTED |
| FREE ETHYLENE OXIDE | | 10 ug/g |
| FREE 1,4-DIOXANE | | 10 ug/g |
| ETHYLENE & DIETHYLENE GLYCOL | | 0.25 % |
| IDENTIFICATION | SPECTRUM MATCHES REFERENCE | |
| RETEST DATE | | |
| DATE OF MANUFACTURE | | |
| APPEARANCE | | |
| MANUFACTURER NAME: | | |
| RESIDUAL SOLVENTS: | | AS REPORTED |

Spectrum Chemical Mfg Corp

Corporate Headquarters: West Coast Facility:

 769 Jersey Ave.
 14422 S. San Pedro St.

 New Brunswick, NJ 08901
 Gardena, CA 90248

 732.214.1300
 310.516.8000



Certificate Of Analysis

| Item Number | PO115 | Lot Number | 1NC0088 |
|-------------------|--|------------|------------|
| Item | Polyethylene Glycol 600, NF | CAS Number | 25322-68-3 |
| Molecular Formula | H(OCH ₂ CH ₂) _n OH | | |

| TECT | SPECIFICATION | | |
|---------------------------------------|----------------------------------|-------------|------------------------------------|
| TEST | MIN | MAX | RESULT |
| AVERAGE MOLECULAR WEIGHT | 570 | 630 | 601 |
| COMPLETENESS AND COLOR OF SOLUTION | CLEAR AND COLORLESS | | CLEAR AND COLORLESS |
| VISCOSITY @ 98.9 ± 0.3°C (210°F) | 9.9 | 11.3 cSt | 10.5 cSt |
| pH OF A 5% SOLUTION @ 25°C | 4.5 | 7.5 | 5.8 |
| RESIDUE ON IGNITION | | 0.1 % | <0.1 % |
| ELEMENTAL IMPURITIES: | | | NO ELEMENTAL IMPURITIES PRESENT |
| FREE ETHYLENE OXIDE | | 10 ug/g | 0 μg/g |
| FREE 1,4-DIOXANE | | 10 ug/g | 0 μg/g |
| ETHYLENE & DIETHYLENE GLYCOL | | 0.25 % | <0.25 % |
| IDENTIFICATION | SPECTRUM MATCHES REFERENCE | | SPECTRUM MATCHES REFERENCE |
| RETEST DATE | | | 22-JUN-2026 |
| DATE OF MANUFACTURE | | | 22-JUN-2023 |
| APPEARANCE | | | CLEAR COLORLESS LIQUID |
| MANUFACTURER NAME: | | | THE DOW CHEMICAL COMPANY |
| RESIDUAL SOLVENTS: | | AS REPORTED | MEETS REQUIREMENTS IN USP <467> |
| MONOGRAPH EDITION | | | (USP-NF) 2023 |

Certificate of Analysis Results Entered By:

HBERMUDEZ Hernan Bermudez 26-APR-24 08:37:48

Spectrum Chemical Mfg Corp 14422 South San Pedro Street Gardena 90248 CA



All pharmaceutical ingredients are tested using current edition of applicable pharmacopeia.

Read and understand label and SDS before handling any chemicals. All Spectrum's chemicals are for manufacturing, processing, repacking or research purposes by experienced personnel only. It is the customer's responsibility to provide adequate hazardous material training and ensure that appropriate Personal Protective Equipment (PPE) is used before handling any chemical.

The Elemental Impurities standards implemented by USP and other Pharmaceutical Compendia reflect a growing understanding of the toxicology of trace levels of elemental impurities that can remain in drug substances originating from either raw materials or manufacturing processes. Identifying and quantifying impurities can be critical to predicting the best possible patient outcomes. Elemental Impurities has been a requirement of all products meeting USP/NF, EP and BP monographs since January 1, 2018. More information can be found in USP sections <232> Elemental Impurities – Limits and <233> Elemental Impurities – Procedures. Data for drug substances furnished by Spectrum Chemical Mfg. Corp can be used to ensure that patient daily exposures by oral administration to the selected elements are not exceeded in the formulation of pharmaceutical products.

Certificate of Analysis Results Approved By:

SHANSEN Selin Hansen 26-APR-24 08:39:17

SAFETY DATA SHEET

Revision date 12-October-2022

| 1. Identification | |
|--|-----------------------------|
| Product identifier | |
| Product Name | POLYETHYLENE GLYCOL 600, NF |
| Other means of identification | |
| Product Code(s) | PO115 |
| 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 | |
| Supplier Address Spectrum Chemical Mfg. Corp. 14422 South San Pedro St. Gardena, CA 90248 (310) 516-8000 | |
| Emergency telephone number | |

Emergency Telephone

Chemtrec 1-800-424-9300

2. Hazard(s) identification

Classification

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Hazards not otherwise classified (HNOC)

Not applicable

Label elements

Hazard statements

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Appearance Clear

Physical state Liquid to Solid

Odor No information available



Revision Number 2

Other information No information available.

3. Composition/information on ingredients

Substance

| Chemical name | CAS No | Weight-% |
|-------------------------|------------|----------|
| Polyethylene Glycol 600 | 25322-68-3 | 100 |

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 | Clean mouth with water and drink afterwards plenty of water. |
| | |
| Most important symptoms and effe | cts, both acute and delayed |
| <u>Most important symptoms and effe</u> Symptoms | cts, both acute and delayed No information available. |
| Symptoms | |

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. |
| Hazardous combustion products | Carbon dioxide (CO2). |
| Explosion data Sensitivity to mechanical impac | st none. |
| Sensitivity to static discharge | none. |
| Special protective equipment for fire-fighters | Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. 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, includi | ng any incompatibilities | |
| Storage Conditions | Keep container tightly closed in a dry and well-ventilated place. | |

8. Exposure controls/personal protection

Control parameters

| Exposure Limits | The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here. |
|-------------------------------------|--|
| Appropriate engineering controls | |
| Engineering controls | Showers Eyewash stations Ventilation systems. |
| Individual protection measures, suc | th 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

Information on basic physical and chemical properties

| Physical state | Liquid to Solid |
|----------------|-----------------|
| Appearance | Clear |
| Color | Colorless |

| Odor | No information available | |
|--|-----------------------------------|------------------|
| Odor threshold | No information available | |
| | | |
| Property_ | Values | Remarks • Method |
| рН | 4.5-7.5 of a 5% Solution @ 25°C | None known |
| Melting point / freezing point | 17 - 22 °C / 62.6 - 71.6 °F | None known |
| Boiling point / boiling range | 200 °C / 392 °F | None known |
| Flash point | 238 °C / 460.4 °F | None known |
| Evaporation rate | no data available | None known |
| Flammability (solid, gas) | no data available | None known |
| Flammability Limit in Air | | None known |
| Upper flammability or explosive | No data available | |
| limits | | |
| Lower flammability or explosive | No data available | |
| limits | | |
| Vapor pressure | No data available | None known |
| Vapor density | no data available | None known |
| Relative density | 1.12 Ostable in anotar | None known |
| Water solubility | Soluble in water | None known |
| Solubility(ies) | Soluble in organic solvents | None known |
| | Readily soluble in aromatic | |
| | hydrocarbons | |
| | Slightly soluble in aliphatic | |
| Partition coefficient | hydrocarbons No data available | None known |
| | no data available | None known |
| Autoignition temperature | | None known |
| Decomposition temperature Kinematic viscosity | no data available | None known |
| Dynamic viscosity | No data available | None known |
| Dynamic viscosity | NO Gala available | NOTE KIOWI |
| Other information | | |
| Explosive properties | No information available | |
| Oxidizing properties | No information available | |
| Softening point | No information available | |
| Molecular weight | No information available | |
| VOC Content (%) | No information available | |
| Liquid Density | No information available | |
| Bulk density | No information available | |
| ······ | | |

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. |
|--------------|---|
| 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

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---------------------------------------|------------------------------------|--------------------|-----------------|
| Polyethylene Glycol 600 25322-68-3 | = 22 g/kg (Rat) = 28 g/kg (Rat) | > 20 g/kg (Rabbit) | - |

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

| Skin corrosion/irritation Serious eye damage/eye irritation Respiratory or skin sensitization Germ cell mutagenicity | No information available. No information available. No information available. No information available. |
|---|--|
| Reproductive toxicity | No information available. |
| STOT - single exposure STOT - repeated exposure Aspiration hazard | No information available. No information available. No information available. |
| Other adverse effects | No information available. |
| Interactive effects | No information available. |

12. Ecological information

Ecotoxicity

| Lootoxion | | | | |
|--|--------------------------------------|-------------------------------|----------------|-----------|
| Chemical name | Algae/aquatic plants | Fish | Toxicity to | Crustacea |
| | | | microorganisms | |
| Polyethylene Glycol 600 25322-68-3 | - | (LC50): 5000 mg/l 24 hours | - | - |
| | | Houro | | |
| Persistence and degrada Bioaccumulation | bility No information Inherently bio | | | |

Other adverse effects No in

No information available.

13. Disposal considerations

Waste treatment 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 | not regulated |
|------------|---------------|
| TDG | not regulated |
| MEX | not regulated |
| ICAO (air) | not regulated |
| IATA | not regulated |
| IMDG | not regulated |
| RID | not regulated |
| ADR | not regulated |
| ADN | not regulated |

15. Regulatory information

International Inventories

| TSCA | Complies |
|---------------------------|---|
| | |
| DSL/NDSL EINECS/ELINCS | Complies Complies |
| ENCS | This product complies with ENCS: |
| IECSC | This product complies with China: |
| KECL | Complies |
| PICCS | Complies |
| AICS | All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS). |

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

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.

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 1 Instability 0 Physical and chemical properties -HMIS Health hazards 0 Flammability 1 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 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) Japan GHS Classification 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 12-October-2022

 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

spectrum

Certification of Compliance with current Good Manufacturing Practices

Dear Valued Customer:

Spectrum Chemical Mfg Corp certifies that the following product(s) is produced, processed, packaged and held in compliance with current Good Manufacturing Practices (cGMP) in accordance with the applicable parts of 21 CFR, parts 210 and 211 of the Code of Federal Regulations.

| Catalog Number | Product Name |
|-------------------|-----------------------------|
| PO115 | Polyethylene Glycol 600, NF |

Spectrum is an FDA registered and inspected Drug Establishment. Our United States Food and Drug Administration (USFDA) Registration numbers are as follows:

| Spectrum-Gardena, CA: | <u>2020632</u> |
|-----------------------------|----------------|
| Spectrum-New Brunswick, NJ: | 2246824 |

Thank you for your interest in Spectrum products. If we may be of further assistance, please feel free to contact the Quality Assurance department at 310-516-8000 or via email at <u>gualityassurance@spectrumchemical.com</u>

Sincerely,

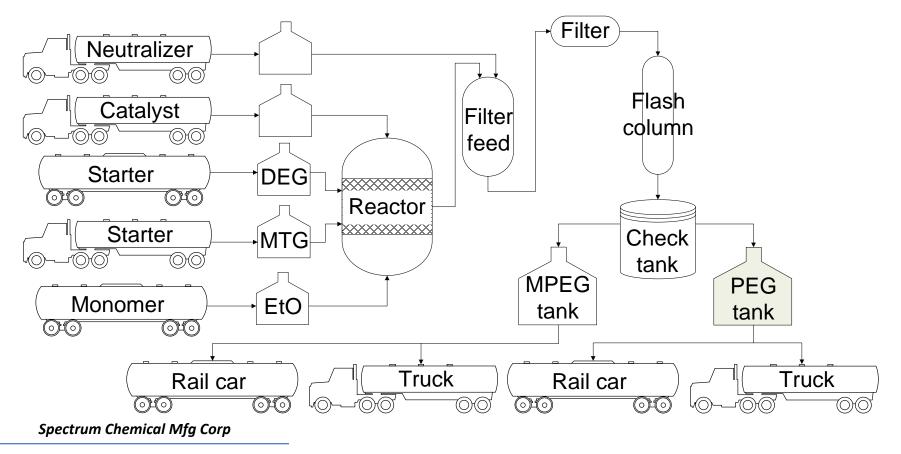
Oulu Clony

Oralia Chavez Quality Assurance Specialist



Manufacturing Process Flowchart

Polyethylene Glycol 600, NF - PO115



Corporate Headquarters:West Coast Facility:769 Jersey Ave.14422 S. San Pedro St.New Brunswick, NJ 08901Gardena, CA 90248732.214.1300310.516.8000

spectrum

PO115, Polyethylene Glycol 600, NF

Source Statement

The above mentioned catalog item is manufactured by chemical synthesis. No animal or plant derived products are used in the manufacturing process.

BSE/TSE Statement

The above mentioned catalog item does not contain nor is manufactured using any animal derived products and is therefore, BSE/TSE free.

Allergen Statement

The above mentioned catalog item does not contain any of the following:

- Milk
- Egg
- Fish
- Shellfish
- Tree Nuts
- Wheat
- Peanuts
- Soy

- Cereals containing Gluten
- Celery
- Mustard
- Sesame Seed
- Corn
- Latex
- Sulfites > 10 ppm

EU Fragrance Allergen Statement

The above mentioned catalog item does not contain any of the 26 EU fragrance allergens listed in Annex III lines 67-92. These substances are not intentionally added to this material and therefore are not expected to be present.

GMO Statement

The above mentioned catalog item is manufactured without the use of genetically modified organisms and is therefore GMO free.

Melamine Statement

The above mentioned catalog does not use or add melamine to the manufacturing process and is considered melamine-free.



Nitrosamine Statement

Based on knowledge of the manufacturing process, nitrosamine impurities are not known or suspected to be present in this material.

Animal Testing Statement

The above mentioned catalog item has not been tested on animals by Spectrum Chemical.

Organic Compliance Statement

The above mentioned catalog item has not been produced using GMOs, irradiation or ethylene oxide (EtO).

Shelf Life Statement

The above mentioned catalog item is typically assigned a shelf life of 36 months from the date of manufacture. The actual assigned shelf life for any specific lot should be referenced on the Certificate of Analysis.

Other Chemicals Statement

Spectrum does not have any reason to suspect the above-mentioned catalog item contains any of the following chemicals. This product does not come into contact with these chemicals during packaging or storage:

- Antibiotics
- Bisphenol A (BPA)
- Parabens

- Pesticides
- Phthalates

spectrum®

RE: Elemental Impurities – Polyethylene Glycol 600, NF (Cat# PO115)

To Whom It May Concern:

Thank you for your interest in Spectrum high quality chemicals.

The above mentioned material complies with the USP<232>, <233> Elemental Impurities and the ICH Q3D Elemental Impurities Guideline. No Class 1, Class 2A, Class 2B or Class 3 elemental impurities are likely to be present. These substances are not used in the production process, are not intentionally added or known to be present in the above mentioned material.

This information is subject to change and is intended for risk assessment only. It is responsibility of the end user to evaluate suitability of any chemical for the intended use as well as to assess compound-specific limits of daily intake of metal impurities. For lot-specific information, please refer to the respective Certificate of Analysis.

If you have any further questions, please contact us by telephone at 1(800)772-8786 Option 2, or by email at <u>TechServices@spectrumchemical.com</u>.

Sincerely,

Technical Services Spectrum Chemical Mfg. Corp.

This document has been produced electronically and is valid without a signature.

CORPORATE HEADQUARTERS

769 Jersey Avenue New Brunswick, NJ 08901 PHONE 732.214.1300 FAX 732.246.7132

WEST COAST FACILITY

14422 South San Pedro Street Gardena, California 90248 PHONE 310.516.8000 FAX 310.516.9843

AN ISO 9001:2015 REGISTERED COMPANY

www.spectrumchemical.com

spectrum

RE: Residual Solvents – Polyethylene Glycol 600, NF (Cat# PO115)

To Whom It May Concern:

Thank you for your interest in Spectrum high quality chemicals.

The above mentioned catalog item complies with the requirements of USP <467> Residual Solvents and ICH Q3C Residual Solvents Guideline. The following solvents are likely to be present:

| Residual Solvent | Class | Expected Concentration |
|------------------|-------|------------------------|
| 1,4-Dioxane | 2 | < 380 ppm |
| Ethylene Glycol | 2 | < 620 ppm |

No Class 1, Class 3 or other solvents are used or produced in the manufacturing process of this material.

For lot-specific information, please refer to the respective Certificate of Analysis.

If you have any further questions, please contact us by telephone at 1(800)772-8786 Option 2, or by email at <u>TechServices@spectrumchemical.com</u>.

Sincerely,

Technical Services Spectrum Chemical Mfg. Corp.

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CORPORATE HEADQUARTERS

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WEST COAST FACILITY

14422 South San Pedro Street Gardena, California 90248 PHONE 310.516.8000 FAX 310.516.9843

AN ISO 9001:2015 REGISTERED COMPANY

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Label Information

The Spectrum label presents technical and safety information in an easily understood format. Our technical specialists stay abreast of the latest requirements of the Globally Harmonized System for Classification and Labelling of Chemicals (GHS), as well as the Occupational Safety and Health Administration (OSHA), the Food and Drug Administration (FDA) and other government regulatory agencies in order to ensure compliance, accuracy and concise hazard communication. Below you will find a typical label example for this catalog item.



USE CARE: This material has been evaluated per GHS/OSHA criteria and is not classified as hazardous. All chemicals may pose unknown hazards and must be used with caution. Use personal protection and safe handling methods consistent with proper workplace safety practices. Consult SDS for additional properties and precautions. If adverse reaction occurs seek medical attention.

KEEP FROM CHILDREN

P0115 SIZ SY Polyethylene Glycol 600

PEG-12

NF CAS 25322-68-3

CAUTION: For manufacturing, processing or repacking. Read and understand the label and Safety Data Sheet (SDS) prior to use.

Chemical Emergency: (800)424-9300 www.SpectrumChemical.com

$H(OCH_2CH_2)_nOH$

Addition polymer of ethylene oxide and water.

| Average Molecular Weight | 570-630 |
|---------------------------------------|----------------|
| Completeness and Color of Solution | . To pass test |
| Viscosity @ 98.9 ± 0.3°C (210°F) | .9.9-11.3 cSt |
| pH of a 5% Solution @ 25°C | 4.5-7.5 |
| MAXIMUM LIMITS | |
| Residue on Ignition | 0.1% |
| Elemental Impurities | As reported |
| Free Ethylene Oxide | 10 µg/g |
| Free 1.4-Dioxane | 10 µg/g |
| Ethylene Glycol and Diethylene Glycol | 0.25% |
| Residual Solvents | . To pass test |

FLUSHED WITH NITROGEN

WARNING: Cancer and Reproductive Harmwww.P65Warnings.ca.gov

G 15/G12GHS ? Lot No. XQ####

Spectrum Chemical Mfg Corp

Corporate Headquarters:

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