

Scientific Documentation

Methylparaben, 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 Methylparaben, NF (ME163)

Item Number	ME163
Item	Methylparaben, NF
CAS Number	99-76-3
Molecular Formula	C ₈ H ₈ O ₃
Molecular Weight	152.15
MDL Number	
Synonyms	Methyl 4-Hydroxybenzoate ; Methyl p-Hydroxybenzoate ; Methyl Hydroxybenzoate

Test	Specification	Specification		
	Min	Max		
APPEARANCE				
IDENTIFICATION A	FTIR MATCHES REFERENCE			
IDENTIFICATION:B	125	128°C		
ASSAY	98.0	102.0 %		
COLOR OF SOLUTION	CLEAR, LESS COLOR THAN STANDARD			
ACIDITY		0.1 ml		
RESIDUE ON IGNITION		0.1 %		
RELATED SUBSTANCES:				
p-HYDROXYBENZOIC ACID		0.5 %		
UNSPECIFIED IMPURITIES		0.5 %		
TOTAL IMPURITIES		1.0 %		
ELEMENTAL IMPURITIES	AS REPORTED			
EXPIRATION DATE				
DATE OF MANUFACTURE				
RESIDUAL SOLVENTS	AS REPORTED			
CLASS 2 (SOLVENT) / METHANOL				
MONOGRAPH EDITION				

Spectrum Chemical Mfg Corp

Spectrum Chemical Mfg Corp

 Corporate Headquarters:
 West Coast Facility:

 New Brunswick, NJ 08901
 Gardena, CA 90248

 732.214.1300
 310.516.8000



Certificate Of Analysis

Item Number	ME163	Lot Number	2NB0213
Item	Methylparaben, NF	CAS Number	99-76-3
Molecular Formula	C ₈ H ₈ O ₃	Molecular Weight	152.15

TECT	SPECIFICATION			
TEST	MIN	MAX	RESULT	
APPEARANCE			WHITE CRYSTALLINE POWDER	
IDENTIFICATION A	FTIR MATCHES REFERENCE		FTIR MATCHES REFERENCE	
IDENTIFICATION:B	125	128°C	125.7 °C	
ASSAY	98.0	102.0 %	100.1 %	
COLOR OF SOLUTION	CLEAR, LESS COLOR THAN STANDARD		CLEAR	
ACIDITY		0.1 ml	0.01 ml	
RESIDUE ON IGNITION		0.1 %	0.00 %	
RELATED SUBSTANCES:				
p-HYDROXYBENZOIC ACID		0.5 %	< 0.5 %	
UNSPECIFIED IMPURITIES		0.5 %	< 0.5 %	
TOTAL IMPURITIES		1.0 %	< 1.0 %	
ELEMENTAL IMPURITIES	AS REPORTED		NO ELEMENTAL IMPURITIES	
EXPIRATION DATE			04-AUG-2027	
DATE OF MANUFACTURE			05-AUG-2022	
RESIDUAL SOLVENTS	AS REPORTED			
CLASS 2 (SOLVENT) / METHANOL	•		< 3000 ppm	
MONOGRAPH EDITION			NF 2023	

Certificate of Analysis Results Entered By:

CMARIN Catherine Marin 29-FEB-24 06:06:18

Spectrum Chemical Mfg Corp 755 Jersey Avenue New Brunswick 08901 NJ



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:

MCAMACHO Matheu Camacho 01-MAR-24 05:44:25

SAFETY DATA SHEET

Revision date 03-May-2022

1. Identification	
Product identifier	
Product Name	METHYLPARABEN, NF
Other means of identification	
Product Code(s)	ME163
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
<u>Supplier Address</u> 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

Skin sensitization

Category 1A

Hazards not otherwise classified (HNOC) Not applicable

Label elements

Warning

Hazard statements

May cause an allergic skin reaction



Revision Number 3



Physical state Solid

Odor Odorless

Precautionary Statements - Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray Contaminated work clothing must not be allowed out of the workplace Wear protective gloves

Precautionary Statements - Response

Specific treatment (see .? on this label) IF ON SKIN: Wash with plenty of water and soap If skin irritation or rash occurs: Get medical advice/attention Wash contaminated clothing before reuse

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other information

Harmful to aquatic life with long lasting effects. Harmful to aquatic life.

3. Composition/information on ingredients

Substance

Formula

C8-H8-O3

Chemical name	CAS No	Weight-%	Trade secret
Methylparaben	99-76-3	100	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. First-aid measures

Description of first aid measures

General advice	Show this safety data sheet to the doctor in attendance.	
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 with soap and water. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.	
Ingestion	Clean mouth with water and drink afterwards plenty of water.	
Most important symptoms and effects, both acute and delayed		

Symptoms Itching. Rashes. Hives.

Indication of any immediate medical attention and special treatment needed

Note to physicians May cause sensitization in susceptible persons. Treat symptomatically.

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	Product is or contains a sensitizer. May cause sensitization by skin contact.
Hazardous combustion products	Carbon Monoxide, Carbon Dioxide.
Explosion data Sensitivity to mechanical impac	:t 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 Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

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	nd storage
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Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children.

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, such as personal protective equipment		
Eye/face protection	Wear safety glasses with side shields (or goggles).	
Hand protection	Wear suitable gloves.	
Skin and body protection	Wear suitable protective clothing.	
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 on Physical state	chemical properties Solid		
Appearance	Crystals or Crystalline powder		
Color	White		
Odor	Odorless		
Odor threshold	No information available		
ouor intesnoid			
Property_	Values	Remarks • Method	
рН	no data available	None known	
Melting point / freezing point	125 - 131 °C / 257 - 267.8 °F	None known	
Boiling point / boiling range	270 - 280 °C / 518 - 536 °F	None known	
Flash point	no data available	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 limits	No data available		
Lower flammability or explosive limits	No data available		
Vapor pressure	No data available	None known	
Vapor density	no data available	None known	
Relative density	1.2	None known	
Water solubility	Slightly soluble in water	None known	
Solubility(ies)	Soluble in Alcohol	None known	
	Soluble in Ether		
	Soluble in Propylene glycol		
	Slightly soluble in oil		
Partition coefficient	2	None known	
Autoignition temperature	no data available	None known	
Decomposition temperature		None known	
Kinematic viscosity	no data available	None known	
Dynamic viscosity	No data available	None known	
Other information			
Other information_ Explosive properties	No information available		

Oxidizing properties Softening point Molecular weight VOC Content (%) Liquid Density Bulk density No information available No information available 152.15 No information available No information available No information available

10. Stability and reactivityReactivityNo information available.Chemical stabilityStable under normal conditions.Possibility of hazardous reactionsNone under normal processing.Conditions to avoidNone known based on information supplied.Incompatible materialsNone known based on information supplied.Hazardous decomposition productsNone known based on information supplied.

11. Toxicological information

Information on likely routes of exposure

Product Information		
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	May cause sensitization by skin contact. Specific test data for the substance or mixture is not available. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. (based on components).	
Ingestion	Specific test data for the substance or mixture is not available.	
Symptoms related to the physical, chemical and toxicological characteristics		
Symptoms	Itching. Rashes. Hives.	
Acute toxicity		

Numerical measures of toxicity

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Methylparaben	= 2100 mg/kg (Rat)	-	-
99-76-3			

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. May cause sensitization by skin contact. No information available.
Reproductive toxicity	No information available.
STOT - single exposure	No information available.

STOT - repeated exposure Aspiration hazard	No information available. No information available.
Other adverse effects	No information available.
Interactive effects	No information available.

12. Ecological information

Ecotoxicity	Harmful to a	quatic life with long lasting	effects.	
Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Methylparaben 99-76-3	-	LC50: =59.5mg/L (96h, Oryzias latipes)	-	-
Persistence and degradabilityNo informatioBioaccumulationInherently bic				
Other adverse effects	No informati	on 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
<u>MEX</u>	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
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 2 Flammability 0 Instability 0 Physical and chemical properties -HMIS_ Health hazards 2 Flammability 0 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 TŴĂ 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 03-May-2022 No information available.

Revision Note 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
ME163	Methylparaben, 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: Spectrum-New Brunswick, NJ: 2020632 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>qualityassurance@spectrumchemical.com</u>

Sincerely,

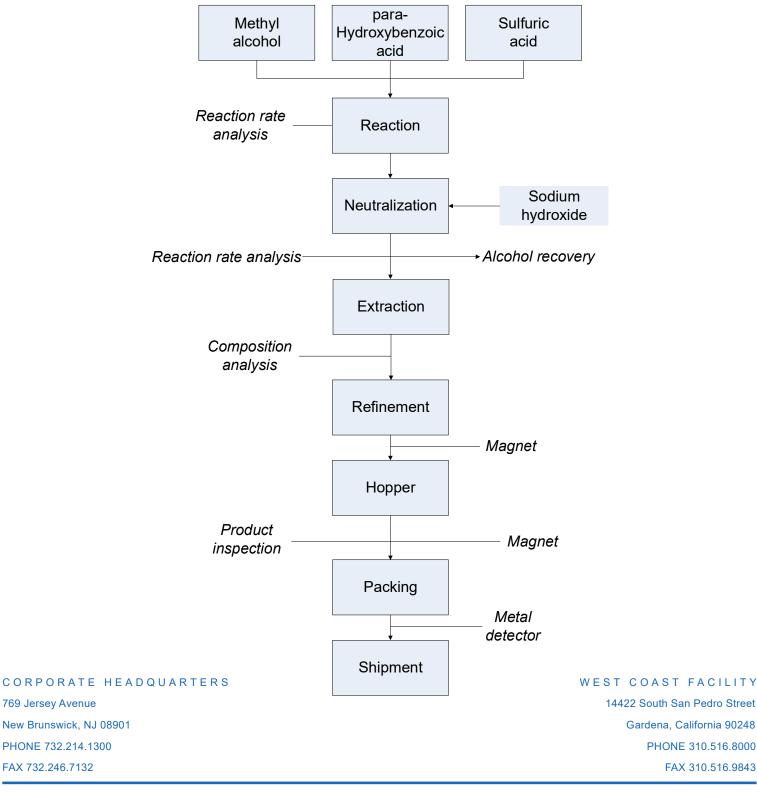
Oulu Umy

Oralia Chavez Quality Assurance Specialist



Manufacturing Process Flowchart

Methylparaben, NF – ME163



spectrum

ME163, Methylparaben, 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 the manufacturing process 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.

Organic Compliance Statement

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

Shelf Life Statement

The above mentioned catalog item is typically assigned a shelf life of 60 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:

- Aflatoxins
- Antibiotics
- Bisphenol A (BPA)
- Pesticides
- Phthalates
- CMR Substances

spectrum®

RE: Elemental Impurities - Methylparaben, NF (Cat# ME163)

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 - Methylparaben, NF (Cat# ME163)

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
Methanol	2	< 3000 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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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®

WHITE: Corrosive

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.

	Spectrum®	C ₈ H ₈ O ₃ F.W. 152.15
 • May cause an allergic skin • reaction. • Wear protective gloves • Avoid > breathing dust • Contaminated work • clothing must not be allowed out of • the workplace. • FIRST AID: IF ON SKIN: Wash with □ plenty of water. Wash contaminated • clothing before reuse. If skin irritation • occurs: Get medical attention. • KEEP FROM CHILDREN 	ME163 D F 2.5 KG Methyl p-Hydroxybenzoate) NF NF Kosher CAUTION: For manufacturing, processing or repacking. Read and understand the label and Safety Data Sheet (SDS) prior to use.	Assay 98.0-102.0% Color of Solution To pass test Acidity To pass test MAXIMUM LIMITS Residue on Ignition 0.1% Related Substances To pass test Elemental Impurities As reported Residual Solvents To pass test WARNING: Cancer and Reproductive Harm- www.P65Warnings.ca.gov
*	Chemical Emergency: (800)424-9300	G 12/K8GHS A OLOT NO. 062233
	www.SpectrumChemical.com	
SPECTRUM CHEMICA	· · ·	8 • New Brunswick, NJ 08901
	L MFG. CORP. Gardena, CA 9024	
SPECTRUM CHEMICA Bar Code	· · ·	8 • New Brunswick, NJ 08901 & Empirical Formula, Formula
 A Bar Code B GHS Hazard Pictograms 	Gardena, CA 9024 Gardena, CA 9024 Size/Quantity Chemical Abstracts Service	8 • New Brunswick, NJ 08901
 A Bar Code B GHS Hazard Pictograms Warning, Safety Data and Precaution. 	 MFG. CORP. Gardena, CA 9024 Size/Quantity Chemical Abstracts Service (CAS) Registry Number 	 8 • New Brunswick, NJ 08901 K Empirical Formula, Formula Weight and Technical Specifications Panel
 A Bar Code B GHS Hazard Pictograms Warning, Safety Data and Precautions Information 	 MFG. CORP. Gardena, CA 9024 Size/Quantity Chemical Abstracts Service (CAS) Registry Number Caution Information 	 8 • New Brunswick, NJ 08901 K Empirical Formula, Formula Weight and Technical Specifications Panel L Expiration Information
 A Bar Code B GHS Hazard Pictograms Warning, Safety Data and Precautions Information Product Catalog Number 	 MFG. CORP. Gardena, CA 9024 Size/Quantity Chemical Abstracts Service (CAS) Registry Number 	 New Brunswick, NJ 08901 Empirical Formula, Formula Weight and Technical Specifications Panel Expiration Information Lot Number
 A Bar Code B GHS Hazard Pictograms Warning, Safety Data and Precautions Information 	 MFG. CORP. Gardena, CA 9024 Size/Quantity Chemical Abstracts Service (CAS) Registry Number Caution Information 	 8 • New Brunswick, NJ 08901 Empirical Formula, Formula Weight and Technical Specifications Panel Expiration Information Lot Number Kosher Certified by Kosher Supervision of America (KSA)
 Bar Code GHS Hazard Pictograms Warning, Safety Data and Precaution Information Product Catalog Number Item Name, Form, Grade Storage Color Band This color-coded band indicates the hazard m 	 MFG. CORP. Gardena, CA 9024 Size/Quantity Chemical Abstracts Service (CAS) Registry Number Caution Information DOT Shipping Information Toll-Free 24-Hour Chemical Emergency Telephone Number 	 New Brunswick, NJ 08901 Empirical Formula, Formula Weight and Technical Specifications Panel Expiration Information Lot Number Kosher Certified by Kosher Supervision of America (KSA).
 Bar Code GHS Hazard Pictograms Warning, Safety Data and Precautional Information Product Catalog Number Item Name, Form, Grade Storage Color Band This color-coded band indicates the hazard m The criteria used to assign band colors hav 	 MFG. CORP. Gardena, CA 9024 Size/Quantity Chemical Abstracts Service (CAS) Registry Number Caution Information DOT Shipping Information Toll-Free 24-Hour Chemical Emergency Telephone Number 	 New Brunswick, NJ 08901 Empirical Formula, Formula Weight and Technical Specifications Panel Expiration Information Lot Number Kosher Certified by Kosher Supervision of America (KSA).
 Bar Code GHS Hazard Pictograms Warning, Safety Data and Precautional Information Product Catalog Number Item Name, Form, Grade Storage Color Band This color-coded band indicates the hazard m The criteria used to assign band colors hav Society for Chemical Hazard Communication unless otherwise stated, based on the color 	 MFG. CORP. Gardena, CA 9024 Size/Quantity Chemical Abstracts Service (CAS) Registry Number Caution Information DOT Shipping Information Toll-Free 24-Hour Chemical Emergency Telephone Number 	 New Brunswick, NJ 08901 Empirical Formula, Formula Weight and Technical Specifications Panel Expiration Information Lot Number Kosher Certified by Kosher Supervision of America (KSA).

Spectrum Chemical Mfg Corp

Corporate Headquarters: 769 Jersey Ave. New Brunswick, NJ 08901

732.214.1300

West Coast Facility: 14422 S. San Pedro St. Gardena, CA 90248 310.516.8000



בס"ד Jan 19, 2024

The following product(s) prepared by the named company are certified kosher with the stated requirements:

Spectrum Laboratory Products, Inc.

S-0032

14422 South San Pedro Street, Gardena, CA 90248 755-769 Jersey Ave. New Brunswick NJ 08901	Product Name	ME163, Methylparaben, NF
	Brand	Spectrum
USA	UKD-ID	KSAV3-T3X2L60
	D/P/M	Р
	Symbol Required	KSA
This certificate expires on Feb 01, 2025	Special Conditions	

Rabbi Binyomin Lisbon Kashrus Administrator

Placing the KSA logo on products not listed above constitutes an un-authorized use of the KSA symbol, which is a federally registered trademark.