

# **Scientific Documentation**

# Sesame Oil, 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 Sesame Oil, NF (SE130)**

Item Number	SE130
Item	Sesame Oil, NF
CAS Number	8008-74-0
Molecular Formula	
Molecular Weight	
MDL Number	
Synonyms	Teel Oil ; Oleum Sesami ; Gingelly Oil ; Sesamum Indicum (Sesame) Seed Oil

Test	Specification		
	Min	Max	
SPECIFIC GRAVITY @ 25°C	0.912	0.921	
IODINE VALUE	103	116	
SAPONIFICATION VALUE	188 - 195		
SOLIDIFICATION RANGE OF THE FATTY ACIDS	20°	25°C	
ALKALINE IMPURITIES		0.1 ml	
ACID VALUE (FREE FATTY ACIDS)		2.0 ml	
PEROXIDE VALUE		10.0	
UNSAPONIFIABLE MATTER		1.5 %	
WATER DETERMINATION		0.1 %	
ELEMENTAL IMPURITIES	AS REPORTED		
COTTONSEED OIL	NO REDDISH COLOR DEVELOPS		
TRIGLYCERIDE COMPOSITION:			
LLL	7.0	19.0 %	
OLL	13.0	30.0 %	
PLL	5.0	9.0 %	
OOL	14.0	25.0 %	
POL	8.0	16.0 %	
000	5.0	14.0 %	
SOL	2.0	8.0 %	
POO	2.0	8.0 %	

Test	Specification		
	Min	Max	
IDENTIFICATION	MEET TRIGLYCERIDE COMPOSITION		
EXPIRATION DATE			
DATE OF MANUFACTURE			
APPEARANCE			
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	SE130	Lot Number	2NB0276
Item	Sesame Oil, NF	CAS Number	8008-74-0

	SPECIFICATION		
TEST	MIN	MAX	RESULT
SPECIFIC GRAVITY @ 25°C	0.912	0.921	0.9164
IODINE VALUE	103	116	112.7
SAPONIFICATION VALUE	188 - 195		191.0
SOLIDIFICATION RANGE OF THE FATTY ACIDS	20°	25°C	21.8°C
ALKALINE IMPURITIES		0.1 ml	0.00 ml
ACID VALUE (FREE FATTY ACIDS)		2.0 ml	0.7 ml
PEROXIDE VALUE		10.0	3.3
UNSAPONIFIABLE MATTER		1.5 %	0.42 %
WATER DETERMINATION		0.1 %	0.026 %
ELEMENTAL IMPURITIES	AS REPORTED		NO ELEMENTAL IMPURITIES PRESENT
COTTONSEED OIL	NO REDDISH COLOR DEVELOPS		NO REDDISH COLOR
TRIGLYCERIDE COMPOSITION:			
LLL	7.0	19.0 %	15.5 %
OLL	13.0	30.0 %	22.2 %
PLL	5.0	9.0 %	7.5 %
OOL	14.0	25.0 %	15.4 %
POL	8.0	16.0 %	8.2 %
000	5.0	14.0 %	13.6 %
SOL	2.0	8.0 %	4.9 %
РОО	2.0	8.0 %	2.7 %
IDENTIFICATION	MEET TRIGLYCERIDE COMPOSITION		MEET TRIGLYCERIDE COMPOSITION

тгст	SPECIFICATION		
TEST	MIN	MAX	RESULT
EXPIRATION DATE			01-OCT-2024
DATE OF MANUFACTURE			17-OCT-2023
APPEARANCE			PALE YELLOW LIQUID
RESIDUAL SOLVENTS	AS REPORTED		NO RESIDUAL SOLVENTS PRESENT
MONOGRAPH EDITION			NF 2023

Certificate of Analysis Results Entered By:

CACEVEDO Charmian Acevedo 02-APR-24 07:43:05

Spectrum Chemical Mfg Corp 755 Jersey Avenue New Brunswick 08901 NJ Certificate of Analysis Results Approved By:

AWILLIAMS Allison Williams 02-APR-24 08:28:06



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.

# SAFETY DATA SHEET

Revision date 15-November-2022

1. Identification	
Product identifier	
Product Name	SESAME OIL, NF
Other means of identification	
Product Code(s)	SE130
Synonyms	None
Recommended use of the chem	ical and restrictions on use
Recommended use	No information available
Restrictions on use	No information available
Details of the supplier of the sa	fety data sheet
<u>Supplier Address</u> Spectrum Chemical Mfg. Corp 14422 South San Pedro St. Gardena, CA 90248 (310) 516-8000	ı.

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).

Appearance Clear

Physical state Liquid

Odor No information available



**Revision Number** 2

#### **Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

Other information No information available.

#### 3. Composition/information on ingredients

#### Substance

Chemical name	CAS No	Weight-%
Sesame Oil	8008-74-0	100

#### 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 off immediately with plenty of water for at least 15 minutes. If symptoms persist, call a physician.	
Ingestion	Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a physician.	
Self-protection of the first aider	Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Wear personal protective clothing (see section 8).	
Most important symptoms and effe	cts, both acute and delayed	
Symptoms	No information available.	
Indication of any immediate medical attention and special treatment needed		
Note to physicians	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	No information available.	
Hazardous combustion products	Carbon dioxide (CO2).	
Explosion data Sensitivity to mechanical impact none.		

Sensitivity to static discharge none. 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.	
Other information	Refer to protective measures listed in Sections 7 and 8.	
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, including any incompatibilities		
Storage Conditions	Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up.	

#### 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. Long sleeved 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.	

# 9. Physical and chemical properties

Information on basic physical and o	chemical properties	
Physical state	Liquid	
Appearance	Clear	
Color	Pale Yellow	
Odor	No information available	
Odor threshold	No information available	
<b>D</b> escent		
Property	Values	Remarks • Method
pH Malting grains (fragming grains)	no data available	None known
Melting point / freezing point	no data available	None known
Boiling point / boiling range	no data available	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	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	0.92	None known
Water solubility	Insoluble in water	None known
Solubility(ies)	Soluble in organic solvents	None known
Partition coefficient	No data available	None known
Autoignition temperature	no data available	None known
Decomposition temperature	Smoke point 210 - °C °F	None known
Kinematic viscosity	no data available	None known
Dynamic viscosity	No data available	None known
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	

No information available

#### 10. Stability and reactivity

Bulk density

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

**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 be absorbed through the skin in harmful amounts. Harmful in contact with skin. (based on components).
	Ingestion	Specific test data for the substance or mixture is not available.
Sy	mptoms related to the physical, o	chemical and toxicological characteristics

Symptoms

No information available.

Acute toxicity

Numerical measures of toxicity

#### **Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Sesame Oil	-	> 2 g/kg (Rabbit)	-
8008-74-0			

#### 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	The environmental impact of this product has not been fully investigated.
Persistence and degradability Bioaccumulation	No information available. Inherently biodegradable.
Other adverse effects	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
<u>TDG</u>	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	Complies
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 0 Flammability 0 Instability 0 Physical and chemical properties -HMIS Health hazards 0 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 TWA TWA (time-weighted average) STEL STEL (Short Term Exposure Limit) Maximum limit value Ceiling 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**

15-November-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
SE130	Sesame Oil, 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,

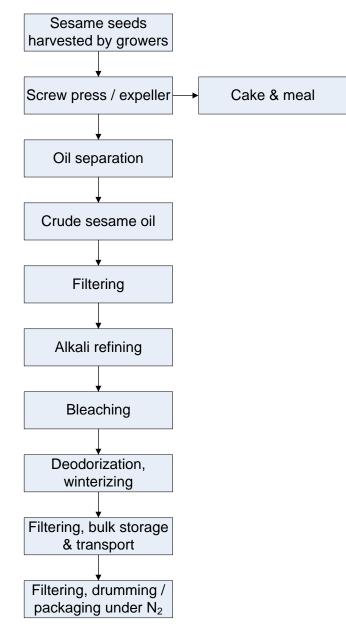
Oulu Umy

Oralia Chavez Quality Assurance Specialist



# **Manufacturing Process Flowchart**

# Sesame Oil, NF - SE130



#### 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

# spectrum®

# SE130, Sesame Oil, NF

### **Source Statement**

The above mentioned catalog item is manufactured by plant derived material.

### **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

- Cereals containing Gluten
- Celery
- Mustard
- Soy
- 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 above mentioned catalog item 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 12 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)
- CMR Substances

- Parabens
- Pesticides
- Phthalates
- Preservatives

# spectrum

#### RE: Elemental Impurities - Sesame Oil, NF (Cat# SE130)

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

# spectrum

#### RE: Residual Solvents - Sesame Oil, NF (Cat# SE130)

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 the USP <467> Residual Solvents and the ICH Q3C Residual Solvents Guideline. No Class 1, Class 2, Class 3 or other solvents are used or produced in the manufacture of this product.

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

AN ISO 9001:2015 REGISTERED COMPANY

# spectrum®

# **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.

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. <b>KEEP FROM CHILDREN</b>	SE130 0 F 20 L SE130 N.F. CAS 8008-74-0	Triglyceride Composition       To pass t         Specific Gravity @ 25°C       0.912-0.9         Iodine Value       103-1         Saponification Value       188-1         Solidification Range of Fatty Acids       20°-25         MAXIMUM LIMITS       188-1         Alkaline Impurities       To pass t         Acid Value (Free Fatty Acids)       To pass t         Peroxide Value       11         Unsaponifiable Matter       1.5         Water Determination       0.7         Elemental Impurities       As report         Cottonseed Oil       To pass t         Residual Solvents       To pass t         LIGHT SENSITIVE: Keep tightly closed in light-resist       containers. Prevent exposure to excessive heat.         FLUSHED WITH NITROGEN       MARNING: Cancer and Reproductive Harm-         WWW.P65Warnings.ca.gov       M
	www.SpectrumChemical.com	G 13/G10GHS A Lot No. 062233
SPECTRUM CHEMICA	L MFG. CORP. Gardena, CA 90248	New Brunswick, NJ 08901
<ul> <li>A Bar Code</li> <li>B GHS Hazard Pictograms</li> </ul>	<ul> <li>Size/Quantity</li> <li>Chemical Abstracts Service</li> </ul>	<ul> <li>New Brunswick, NJ 08901</li> <li>Empirical Formula, Formula Weight and Technical Specifications Panel</li> </ul>
<ul> <li>A Bar Code</li> <li>B GHS Hazard Pictograms</li> <li>C Warning, Safety Data and Precaution Information</li> <li>Product Catalog Number</li> </ul>	<ul> <li>Size/Quantity</li> <li>Chemical Abstracts Service</li> </ul>	<ul> <li>Empirical Formula, Formula Weight and Technical Specifications Panel</li> <li>Expiration Information</li> <li>Lot Number</li> </ul>
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#### Spectrum Chemical Mfg Corp

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