

### **Scientific Documentation**

# Sodium Lauryl Sulfate, NF, EP, BP, JP, bioCERTIFIED (TM)

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 Sodium Lauryl Sulfate, NF, EP, BP, JP, bioCERTIFIED (TM) (S9155)

| Item Number          | S9155   |
|----------------------|---|
| Item                 | Sodium Lauryl Sulfate, NF, EP, BP, JP, bioCERTIFIED (TM)  |
| CAS Number           | 151-21-3  |
| Molecular<br>Formula | C <sub>12</sub> H <sub>25</sub> O <sub>4</sub> SNa  |
| Molecular Weight     | 288.38  |
| MDL Number           |   |
| Synonyms             | Sodium Dodecyl Sulfate ; SDS ; Dodecyl Sodium Sulfate ; Lauryl Sulfate Sodium Salt ; Sodium Laurilsulfate |

| Test  | S      | pecification |
|---|--------|--------------|
|   | Min    | Max          |
| TOTAL ALCOHOLS                                | 59.0 % |              |
| CONTENT OF SODIUM ALKYL SULFATES              | 85.0 % |              |
| ALKALINITY                                    |        | TO PASS TEST |
| SODIUM CHLORIDE AND SODIUM SULFATE            |        | 8.0 %        |
| UNSULFATED ALCOHOLS (NON-ESTERIFIED ALCOHOLS) |        | 4.0 %        |
| WATER   |        | 5.0 %        |
| ELEMENTAL IMPURITIES                          |        | AS REPORTED  |
| MICROBIAL LIMITS:                             |        |              |
| BACTERIAL ENDOTOXINS                          |        | 6.0 EU/g     |
| ТАМС  |        | 1000 CFU/g   |
| ТҮМС  |        | 100 CFU/g    |
| IDENTIFICATION                                |        | TO PASS TEST |
| RETEST 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

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 310.516.8000



### **Certificate Of Analysis**

| Item Number       | \$9155   | Lot Number       | 4LG0007  |
|-------------------|--|------------------|----------|
| Item              | Sodium Lauryl Sulfate, NF, EP, BP, JP, bioCERTIFIED (TM) | CAS Number       | 151-21-3 |
| Molecular Formula | C <sub>12</sub> H <sub>25</sub> O <sub>4</sub> SNa       | Molecular Weight | 288.38   |

| тгст  | SPECIFICATION |              | DECULT                   |  |
|---|---------------|--------------|--------------------------|--|
| TEST  | MIN           | MAX          | RESULT                   |  |
| TOTAL ALCOHOLS                                    | 59.0 %        |              | 65.0 %                   |  |
| CONTENT OF SODIUM ALKYL SULFATES                  | 85.0 %        |              | 96.04 %                  |  |
| ALKALINITY  |               | TO PASS TEST | PASSES TEST              |  |
| SODIUM CHLORIDE AND SODIUM<br>SULFATE             |               | 8.0 %        | 1.0 %                    |  |
| UNSULFATED ALCOHOLS (NON-<br>ESTERIFIED ALCOHOLS) |               | 4.0 %        | 0.4 %                    |  |
| WATER   |               | 5.0 %        | 0.1 %                    |  |
| ELEMENTAL IMPURITIES                              |               | AS REPORTED  | COMPLIES WITH STANDARD   |  |
| MICROBIAL LIMITS:                                 |               |              |                          |  |
| BACTERIAL ENDOTOXINS                              |               | 6.0 EU/g     | <6.0 EU/g                |  |
| ТАМС  |               | 1000 CFU/g   | <1000 CFU/g              |  |
| ТҮМС  |               | 100 CFU/g    | <100 CFU/g               |  |
| IDENTIFICATION                                    |               | TO PASS TEST | PASSES TEST              |  |
| RETEST DATE                                       |               |              | 11-APR-2025              |  |
| DATE OF MANUFACTURE                               |               |              | 12-APR-2022              |  |
| APPEARANCE  |               |              | WHITE CRYSTALLINE POWDER |  |
| RESIDUAL SOLVENTS                                 |               | AS REPORTED  | PASSES SCREENING         |  |

Certificate of Analysis Results Entered By:

SVANGOOR Swetha Vangoor 16-SEP-22 10:57:09

Spectrum Chemical Mfg Corp 777 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.

Certificate of Analysis Results Approved By:

AWILLIAMS Allison Williams 16-SEP-22 11:34:11

# SAFETY DATA SHEET

Revision date 08-February-2022

| 1. Identification  |  |  |
|--|--|--|
| Product identifier   |  |  |
| Product Name   | SODIUM LAURYL SULFATE, NF, EP, BP, JP, bioCERTIFIED™ |  |
| Other means of identification  |  |  |
| Product Code(s)  | S9155  |  |
| 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<br>Spectrum Chemical Mfg. Corp.<br>14422 South San Pedro St.<br>Gardena, CA 90248<br>(310) 516-8000 |  |  |
| Emergency telephone number   |  |  |
|  |  |  |

**Emergency Telephone** 

Chemtrec 1-800-424-9300

#### 2. Hazard(s) identification

#### **Classification**

| Acute toxicity - Oral                            | Category 4 |
|--|------------|
| Skin corrosion/irritation                        | Category 2 |
| Serious eye damage/eye irritation                | Category 1 |
| Specific target organ toxicity (single exposure) | Category 3 |
| Combustible dust                                 | Yes        |

#### Hazards not otherwise classified (HNOC)

Not applicable

#### Label elements

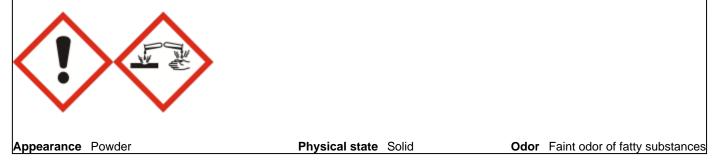
Danger

Hazard statements Harmful if swallowed Causes skin irritation Causes serious eye damage May cause respiratory irritation



Revision Number 1

May form combustible dust concentrations in air



#### **Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling Do not eat, drink or smoke when using this product Avoid breathing dust/fume/gas/mist/vapors/spray Use only outdoors or in a well-ventilated area Wear protective gloves/eye protection/face protection Keep away from all ignition sources including heat, sparks, and flame Keep container closed and grounded Prevent dust accumulations to minimize explosion hazard

#### **Precautionary Statements - Response**

Specific treatment (see .? on this label) IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Immediately call a POISON CENTER or doctor IF ON SKIN: Wash with plenty of water and soap If skin irritation occurs: Get medical advice/attention Take off contaminated clothing and wash it before reuse IF INHALED: Remove person to fresh air and keep comfortable for breathing Call a POISON CENTER or doctor if you feel unwell IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell Rinse mouth

#### **Precautionary Statements - Storage**

Store in a well-ventilated place. Keep container tightly closed Store locked up.

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

Dispose of contents/container to an approved waste disposal plant

#### Unknown acute toxicity

#### Other information

No information available.

#### 3. Composition/information on ingredients

#### Substance

| Chemical name         | CAS No   | Weight-% | Trade secret |
|-----------------------|----------|----------|--------------|
| Sodium Lauryl Sulfate | 151-21-3 | 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. Immediate medical attention is required.

| Inhalation   | Remove to fresh air. Get medical attention immediately if symptoms occur. IF exposed or concerned: Get medical advice/attention.   |  |
|--|--|--|
| Eye contact  | Get immediate medical advice/attention. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. |  |
| Skin contact   | Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.   |  |
| Ingestion  | Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water.<br>Never give anything by mouth to an unconscious person. Call a physician.   |  |
| Self-protection of the first aider   | Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).  |  |
| Most important symptoms and effects, both acute and delayed                |  |  |
| Symptoms   | Burning sensation.   |  |
| 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               | Avoid generation of dust. Fine dust dispersed in air may ignite.   |  |
| Hazardous combustion products                            | Carbon Monoxide, Carbon Dioxide. Sulfur oxides. Sodium oxides.   |  |
| Explosion data<br>Sensitivity to mechanical impact none. |  |  |
| Sensitivity to static discharge                          | yes.   |  |
| 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. Avoid generation of dust. Avoid contact with eyes. Use personal protective equipment as required. Do not breathe dust. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Take precautionary measures against static discharges. Avoid contact with skin, eyes or clothing. Evacuate personnel to safe areas. |
|----------------------|--|
| Other information    | Refer to protective measures listed in Sections 7 and 8.   |

Methods and material for containment and cleaning up

Methods for cleaning up Take up with inert, damp, non-combustible material using clean non-sparking tools and place into loosely covered plastic containers for later disposal. 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. Ensure adequate ventilation. Avoid contact with eyes. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use spark-proof tools and explosion-proof equipment. Take precautionary measures against static discharges. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Avoid breathing vapors or mists. In case of insufficient ventilation, wear suitable respiratory equipment. |
|-------------------------------------|---|
| Conditions for safe storage, includ | ing 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<br>Eyewash stations<br>Ventilation systems.  |
| Individual protection measures, suc | ch as personal protective equipment  |
| Eye/face protection                 | Tight sealing safety goggles.  |
| Hand protection                     | Wear suitable gloves. Impervious 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.   |
| General hygiene considerations      | Do not breathe dust. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.  |

#### 9. Physical and chemical properties

#### Information on basic physical and chemical properties

| Physical state | Solid                          |
|----------------|--------------------------------|
| Appearance     | Powder                         |
| Color          | White to yellowish             |
| Odor           | Faint odor of fatty substances |
| Odor threshold | No information available       |

| Property<br>pH<br>Melting point / freezing point<br>Boiling point / boiling range<br>Flash point<br>Evaporation rate<br>Flammability (solid, gas)<br>Flammability Limit in Air | Values<br>no data available<br>204 - 207 °C / 399.2 - 404.6<br>°F<br>no data available<br>no data available<br>no data available<br>no data available                          | Remarks • Method<br>None known<br>None known<br>None known<br>None known<br>None known<br>None known |
|--|--|--|
| Upper flammability or explosive<br>limits  | No data available  |  |
| Lower flammability or explosive<br>limits  | No data available  |  |
| Vapor pressure   | No data available  | None known   |
| Vapor density  | no data available  | None known   |
| Relative density   | 0.4 - 0.48 None known  |  |
| Water solubility   | Soluble in water None known  |  |
| Solubility(ies)  | no data available None known   |  |
| Partition coefficient  | 1.6 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<br>Explosive properties<br>Oxidizing properties<br>Softening point<br>Molecular weight<br>VOC Content (%)<br>Liquid Density<br>Bulk density                  | No information available<br>No information available<br>No information available<br>288.38<br>No information available<br>No information available<br>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   | Excessive heat. Heating in air. dust formation.                                  |
| Incompatible materials  | Strong acids. Strong bases. Strong oxidizing agents.                             |
| Chemical stability<br>Possibility of hazardous reactions<br>Conditions to avoid | None under normal processing.<br>Excessive heat. Heating in air. dust formation. |

Hazardous decomposition products None known based on information supplied.

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#### 11. Toxicological information

#### Information on likely routes of exposure

#### **Product Information**

| Inhalation   | Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.   |
|--------------|--|
| Eye contact  | Specific test data for the substance or mixture is not available. Causes serious eye damage. May cause irreversible damage to eyes. (based on components). |
| Skin contact | Specific test data for the substance or mixture is not available. Causes skin irritation. (based on components).   |

Ingestion

Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Harmful if swallowed. (based on components).

#### Symptoms related to the physical, chemical and toxicological characteristics

Symptoms

Redness. Burning. May cause blindness. May cause redness and tearing of the eyes.

Acute toxicity

Numerical measures of toxicity

#### Unknown acute toxicity

#### **Component Information**

| Chemical name         | Oral LD50         | Dermal LD50 | Inhalation LC50      |
|-----------------------|-------------------|-------------|----------------------|
| Sodium Lauryl Sulfate | = 977 mg/kg (Rat) | -           | > 3900 mg/m³(Rat)1 h |
| 151-21-3              |                   |             |                      |

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

| Skin corrosion/irritation<br>Serious eye damage/eye irritation | Classification based on data available for ingredients. Irritating to skin.<br>Classification based on data available for ingredients. Causes burns. Risk of serious<br>damage to eyes. |
|--|---|
| Respiratory or skin sensitization                              | No information available.   |
| Germ cell mutagenicity   | No information available.   |
| Reproductive toxicity  | No information available.   |
| STOT - single exposure   | May cause respiratory irritation.   |
| STOT - repeated exposure                                       | No information available.   |
| Aspiration hazard  | No information available.   |
| ·  |   |
| Other adverse effects  | No information available.   |
|  |   |
| Interactive effects  | No information available.   |
|  |   |

#### 12. Ecological information

|--|

| Ecotoxicity           | •                         |                           |                |                      |
|-----------------------|---------------------------|---------------------------|----------------|----------------------|
| Chemical name         | Algae/aquatic plants      | Fish                      | Toxicity to    | Crustacea            |
|                       | <b>.</b>                  |                           | microorganisms |                      |
| Sodium Lauryl Sulfate | EC50: 3.59 - 15.6mg/L     | LC50: 10.2 - 22.5mg/L     | -              | EC50: =1.8mg/L (48h, |
| 151-21-3              | (96h, Pseudokirchneriella | (96h, Pimephales          |                | Daphnia magna)       |
|                       | subcapitata) EC50: 30 -   | promelas) LC50: 10.8 -    |                |                      |
|                       | 100mg/L (96h,             | 16.6mg/L (96h, Poecilia   |                |                      |
|                       | Desmodesmus               | reticulata) LC50: 13.5 -  |                |                      |
|                       | subspicatus) EC50:        | 18.3mg/L (96h, Poecilia   |                |                      |
|                       | =117mg/L (96h,            | reticulata) LC50: 15 -    |                |                      |
|                       | Pseudokirchneriella       | 18.9mg/L (96h,            |                |                      |
|                       | subcapitata) EC50:        | Pimephales promelas)      |                |                      |
|                       | =53mg/L (72h,             | LC50: 22.1 - 22.8mg/L     |                |                      |
|                       | Desmodesmus               | (96h, Pimephales          |                |                      |
|                       | subspicatus)              | promelas) LC50: 4.06 -    |                |                      |
|                       |                           | 5.75mg/L (96h, Lepomis    |                |                      |
|                       |                           | macrochirus) LC50: 4.2 -  |                |                      |
|                       |                           | 4.8mg/L (96h, Lepomis     |                |                      |
|                       |                           | macrochirus) LC50: 4.3 -  |                |                      |
|                       |                           | 8.5mg/L (96h,             |                |                      |
|                       |                           | Oncorhynchus mykiss)      |                |                      |
|                       |                           | LC50: 5.8 - 7.5mg/L (96h, |                |                      |
|                       |                           | Pimephales promelas)      |                |                      |

| LC50: 6.2 - 9.6mg/L (96h, |  |
|---------------------------|--|
| Pimephales promelas)      |  |
| LC50: 8 - 12.5mg/L (96h,  |  |
| Pimephales promelas)      |  |
| LC50: 9.9 - 20.1mg/L      |  |
| (96h, Brachydanio rerio)  |  |
| LC50: =1.31mg/L (96h,     |  |
| Cyprinus carpio) LC50:    |  |
| =4.2mg/L (96h,            |  |
| Oncorhynchus mykiss)      |  |
| LC50: =4.5mg/L (96h,      |  |
| Lepomis macrochirus)      |  |
| LC50: =4.62mg/L (96h,     |  |
| Oncorhynchus mykiss)      |  |
| LC50: =7.97mg/L (96h,     |  |
| Brachydanio rerio)        |  |

| Persistence and degradability |  |
|-------------------------------|--|
| Bioaccumulation               |  |

No information available. Inherently biodegradable.

#### **Component Information**

| Chemical name                     | Partition coefficient |
|-----------------------------------|-----------------------|
| Sodium Lauryl Sulfate<br>151-21-3 | 1.6                   |

Other adverse effects

No information available.

| 13. Disposal considerations |  |
|-----------------------------|--|
|                             |  |

#### Waste treatment methods

| Waste from residues/unused<br>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

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 3 Flammability 1 Instability 0 Physical and chemical properties -HMIS Health hazards 3 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 (time-weighted average) STEL STEL (Short Term Exposure Limit) TWA 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** 08-February-2022

Revision Note Disclaimer 08-February-2022 No information available.

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



### 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   |
|----------------|--|
| S9155          | Sodium Lauryl Sulfate, NF, EP, BP, JP, bioCERTIFIED <sup>™</sup> |

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:       | 2020632 |
|-----------------------------|---------|
| Spectrum-New Brunswick, NJ: | 2246824 |

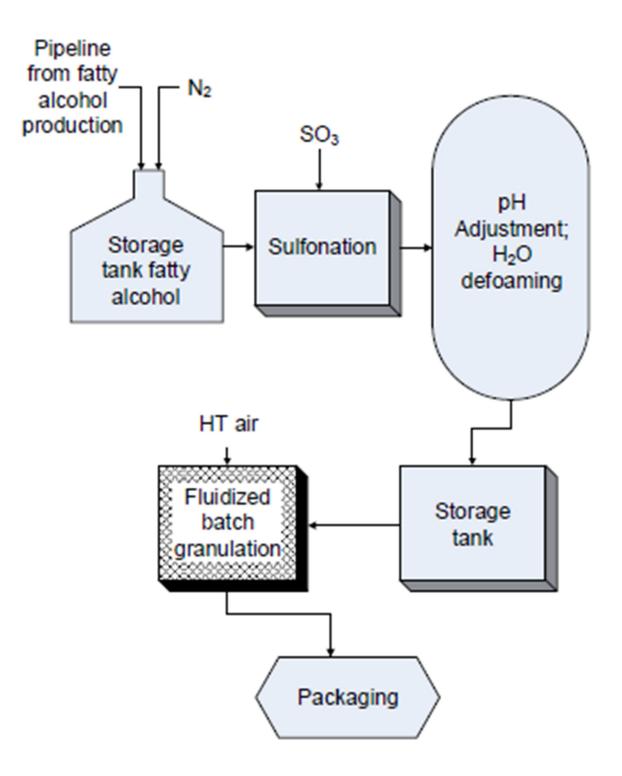
Thank you for your interest in Spectrum products. If we may be of further assistance, please feel free to contact the Quality Assurance department at 310-516-8000 or via email at qualityassurance@spectrumchemical.com

Sincerely, Quality Assurance Spectrum Chemical Mfg. Corp.

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



Manufacturing Process Flowchart - Sodium Lauryl Sulfate, NF, EP, BP, JP, bioCERTIFIED <sup>™</sup> (Catalog No. S9155)





### S9155, Sodium Lauryl Sulfate, NF, EP, BP, JP, bioCERTIFIED

TM

#### Source Statement

The above-mentioned catalog item is manufactured from plant derived material (coconut or palm kernel oils). No animal 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 Celerv

- Sesame Seed

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 following chemical 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 the above-mentioned material.

#### Animal Testing Statement

The above-mentioned catalog item has not been tested on animals.

- Mustard
  - Corn
  - Latex
  - Sulfites > 10 ppm



#### **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 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:

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

- Parabens
- Pesticides
- Phthalates
- Preservatives



# Elemental Impurities - Sodium Lauryl Sulfate, NF, EP, BP, JP, bioCERTIFIED <sup>™</sup> (Catalog No. S9155)

To Whom It May Concern:

Thank you for your interest in Spectrum high quality chemicals.

The above material complies with the USP<232>, <233> Elemental Impurities and the ICH Q3D Elemental Impurities Guideline. The following elemental impurities are likely to be present:

| Elemental Impurity |    | Class | Expected Concentration |
|--------------------|----|-------|------------------------|
| Cadmium            | Cd | 1     | < 0.5 ppm              |
| Lead               | Pb | 1     | < 0.5 ppm              |
| Arsenic            | As | 1     | < 1.5 ppm              |
| Mercury            | Hg | 1     | < 3.0 ppm              |
| Cobalt             | Со | 2A    | < 5.0 ppm              |
| Vanadium           | V  | 2A    | < 10.0 ppm             |
| Nickel             | Ni | 2A    | < 20.0 ppm             |

Other elemental impurities considered by USP <232>, <233> and ICH Q3D which are not addressed in the above-mentioned table are not 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 the 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 TechServices@spectrumchemical.com.

Sincerely, Technical Services Spectrum Chemical Mfg. Corp.

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



# Residual Solvents - Sodium Lauryl Sulfate, NF, EP, BP, JP, bioCERTIFIED <sup>™</sup> (Catalog No. S9155)

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. 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 TechServices@spectrumchemical.com.

Sincerely, Technical Services Spectrum Chemical Mfg. Corp.

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# 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. Below you will find a typical label example for this catalog item.



#### Spectrum Chemical Mfg Corp

#### Corporate Headquarters:

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