

# SAFETY DATA SHEET

Issuing Date: November 14, 2019

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Supercedes previous versions

This product is packaged for retail sale and intended for consumer use. The U.S. OSHA Hazard Communication Standard (29 CFR 1910.1200) does not apply to "consumer products" as defined by the U.S. Consumer Product Safety Act and Federal Hazardous Substances Act, including consumer products used in the workplace under typical duration and frequency of exposure as experienced by consumers when used for the intended purpose. This Safety Data Sheet (SDS) is provided as a courtesy to assist with proper use and safe handling. Applicable consumer product use and safety information is provided on the product label.

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

**Product Name** Sun & Earth Laundry Detergent (All Variants)

### Other means of identification

**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended Use** Cleaner

**Uses advised against** No information available

### Details of the supplier of the safety data sheet

**Supplier Name** Nehemiah Manufacturing Company, LLC  
**Supplier Address** 1907 South St  
Cincinnati OH 45204

**Supplier Phone Number** Phone: 1-513-351-5700

**Supplier Email** responsibility@nehemiahmfg.com

### Emergency telephone number

Verisk 3E: **1-866-519-4752**  
Access Code: **335485**

## 2. HAZARDS IDENTIFICATION

### Classification

This mixture is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) SDS information pertains to product as delivered in original containers. Risk of adverse effects is lessened by following all label precautions and instructions, including the use of personal protective equipment.

### GHS Label elements, including precautionary statements

Routes of exposure: eye contact, skin contact, inhalation

**Signal word** **Warning** **Emergency Overview**

**Pictogram**

**Appearance** Water white to slightly straw

**Physical State** Liquid

**Odor** Characteristic

**GHS Hazard Classification:**

Eye Irritation Category 2A

**Hazard Statements:**

Causes Serious eye irritation

**Precautionary Statements - Prevention**

Wash hands thoroughly after handling.  
Wear eye protection / face protection

**Precautionary Statements – Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

**Precautionary Statements - Storage**

None applicable

**Precautionary Statements - Disposal**

None applicable

**Hazards not otherwise classified (HNOC)**

Not applicable

**Unknown Toxicity**

None known

**Other information**

Not expected to cause skin dryness or irritation

If accidentally swallowed, may cause slight and transient stomach distress, nausea or vomiting

If accidentally inhaled, may cause slight and transient respiratory irritation.

**Interactions with Other Chemicals**

No information available

Do not mix directly with other chemicals.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Product does contain hazardous ingredients as defined by OSHA, 29 CFR 1910.1200.

| Chemical Name                | CAS No.    | Weight-% | Trade Secret |
|------------------------------|------------|----------|--------------|
| Lauramine Oxide              | 1643-20-5  | 1-5%     | X            |
| Cocamidopropyl Betaine       | 86438-79-1 | 1-5%     | X            |
| Sodium Methyl Oleoyl Taurate | 137-20-2   | 1-5%     | X            |

|                         |             |      |   |
|-------------------------|-------------|------|---|
| Lauryl Glucoside        | 59122-55-3  | 1-5% | X |
| Coco Glucoside          | 141464-42-8 | 1-5% | X |
| Sodium Cocoyl Glycinate | 90387-74-9  | 1-5% | X |

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

#### 4. FIRST AID MEASURES

##### **First aid measures**

##### **Eye Contact**

If severe eye irritation occurs or persists, get medical attention. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing.

##### **Skin Contact**

If skin irritation or allergic reaction occurs or persists, get medical attention. Wash off immediately with plenty of water for at least several minutes.

##### **Inhalation**

Remove to fresh air. If symptoms persist, get medical attention.

##### **Ingestion**

Do not induce vomiting. Drink plenty of water. If symptoms persist, get medical attention.

##### **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 standard personal protective clothing.

##### **Most important symptoms and effects, both acute and delayed**

Eye irritation.

##### **Most Important Symptoms and Effects**

Serious eye irritation.

##### **Indication of any immediate medical attention and special treatment needed**

No information available

##### **Notes to Physician**

Treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

##### **Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. This includes dry chemical, carbon dioxide (CO<sub>2</sub>), water spray or chemical foam.

##### **Unsuitable Extinguishing Media**

None known.

##### **Specific Hazards Arising from the Chemical**

Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray.

##### **Hazardous Combustion Products**

No information available

**Explosion Data**

**Sensitivity to Mechanical Impact** No.

**Sensitivity to Static Discharge** No.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Avoid contact with eyes. Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Do not touch or walk through spilled material. Stop leak or spill only if no risk of personal injury or exposure

**Environmental Precautions**

**Environmental Precautions** Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so.

**Methods and material for containment and cleaning up: Industrial**

**Methods for Containment** Prevent further leakage or spillage if safe to do so. Do not touch or walk through spilled material. Dike far ahead of liquid spill for later disposal.

**Methods for cleaning up**

Before attempting clean-up, refer to Hazards information above  
Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

**Methods and material for containment and cleaning up: Household**

**Methods for Containment** Follow directions on the product label

**Methods for cleaning up**

Follow directions on the product label

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Handling: Industrial** Avoid prolonged skin exposure. Do not ingest.

**Handling: Household** Follow directions on the product label

**Conditions for safe storage, including any incompatibilities**

**Storage** Keep containers tightly closed in a dry, well-ventilated place at room temperature. Keep away from unattended children and pets. Keep in properly labeled containers. Store in accordance with the particular national regulations. Store in accordance with local regulations.

**Incompatible Products** None known No not mix directly with other products

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

**Exposure Guidelines** None

**Other Exposure Guidelines** None known

**Appropriate engineering controls**

**Engineering Measures** Showers  
Eyewash stations  
Good ventilation system

**Individual protection measures, such as personal protective equipment**

**Household:** Follow directions on the product label

**Industrial:**

**Eye/Face Protection** Tight sealing safety goggles.

**Skin and Body Protection** No special protective equipment required.  
For sensitive skin or prolonged exposure, wear rubber gloves

**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.

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical and Chemical Properties**

|  |                               |                               |                          |
|--|-------------------------------|-------------------------------|--------------------------|
| <b>Physical State</b>                  | Liquid                        |                               |                          |
| <b>Appearance</b>                      | Clear, colored                | <b>Odor</b>                   | Characteristic           |
| <b>Color</b>                           | Water white to slightly straw | <b>Odor Threshold</b>         | No information available |
| <b><u>Property</u></b>                 | <b><u>Values</u></b>          | <b><u>Remarks/ Method</u></b> |                          |
| pH                                     | 8.0-10.0                      | None known                    |                          |
| Melting / freezing point               | No data available             | None known                    |                          |
| Boiling point / boiling range          | About 212F                    | None known                    |                          |
| Flash Point                            | >200F                         | None known                    |                          |
| Evaporation Rate                       | No data available             | None known                    |                          |
| Flammability (solid, gas)              | No data available             | None known                    |                          |
| Flammability Limit in Air              |                               |                               |                          |
| Upper flammability limit               | No data available             |                               |                          |
| Lower flammability limit               | No data available             |                               |                          |
| Vapor pressure                         | No data available             | None known                    |                          |
| Vapor density                          | No data available             | None known                    |                          |
| Specific Gravity                       | No data available             | None known                    |                          |
| Water Solubility                       | Soluble in water              | None known                    |                          |
| Solubility in other solvents           | No data available             | None known                    |                          |
| Partition coefficient: n-octanol/water | No data available             | None known                    |                          |
| Autoignition temperature               | No data available             | None known                    |                          |
| Decomposition Temperature              | No data available             | None known                    |                          |
| Kinematic viscosity                    | No data available             | None known                    |                          |
| Dynamic viscosity                      | 500 cps                       |                               |                          |
| Explosive properties                   | No data available             |                               |                          |
| Oxidizing Properties                   | No data available             |                               |                          |

**Other Information**

Softening Point No data available  
 VOC Content (%) No data available  
 Particle Size No data available  
 Particle Size Distribution

**10. STABILITY AND REACTIVITY**

**Reactivity**

No data available.

**Chemical stability**

Stable under recommended storage and use conditions.

**Possibility of Hazardous Reactions**

None under normal storage and use conditions

**Hazardous Polymerization**

Hazardous polymerization does not occur.

**Conditions to avoid**

No data available.

**Incompatible materials**

None known based on information supplied.

**Hazardous Decomposition Products**

Carbon oxides.

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure:**

**Acute Toxicity**

|                              |          |                 |                        |
|------------------------------|----------|-----------------|------------------------|
| Sodium Methyl Oleoyl Taurate | 137-20-2 | LD50 Oral (Rat) | 1700 mg/kg             |
|                              |          | Rabbit          | Eyes – Severe irritant |
|                              |          | Human           | Eyes – Mild irritant   |

**Product Information**

Product does not present an acute toxicity hazard based on known or supplied information.

**Inhalation**

Specific test data for the substance or mixture is not available.

**Eye Contact**

May cause serious eye irritation.

**Skin Contact**

Specific test data for the substance or mixture is not available.

**Ingestion**

Specific test data for the substance or mixture is not available.

**Information on toxicological effects**

**Symptoms**

No information available.

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

**Sensitization**

No information available.

**Mutagenic Effects**

No information available.

**Carcinogenicity**

Not carcinogenic.

**Reproductive Toxicity**

No information available.

**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Aspiration Hazard** No information available.

**Numerical measures of toxicity Product Information**  
 Not known.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**  
 The environmental impact of this product has not been fully investigated.

**Persistence and Degradability**  
 No information available.

**Bioaccumulation**  
 No information available

**Other adverse effects**  
 No information available.

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Disposal methods: Household** Follow directions on the product label  
**Disposal methods: Industrial** This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste.  
 Consult local authorities for advice and additional requirements.

**Contaminated Packaging** Dispose of contents/containers in accordance with state and local regulations.

**California Hazardous Waste Codes**  
 This product does not contain substances that are listed with the State of California as a hazardous waste.

**14. TRANSPORT INFORMATION**

|                             |               |
|-----------------------------|---------------|
| <b><u>DOT</u></b>           | NOT REGULATED |
| <b>Proper Shipping Name</b> | NON REGULATED |
| <b>Hazard Class</b>         | N/A           |
| <b><u>TDG</u></b>           | Not regulated |
| <b><u>MEX</u></b>           | Not regulated |
| <b><u>ICAO</u></b>          | Not regulated |
| <b><u>IATA</u></b>          | Not regulated |
| <b>Proper Shipping Name</b> | NON REGULATED |
| <b>Hazard Class</b>         | N/A           |
| <b><u>IMDG/IMO</u></b>      | Not regulated |
| <b>Hazard Class</b>         | N/A           |
| <b><u>RID</u></b>           | Not regulated |
| <b><u>ADR</u></b>           | Not regulated |
| <b><u>ADN</u></b>           | Not regulated |

**15. REGULATORY INFORMATION**

**International Inventories**

TSCA Complies  
 DSL All components are listed either on the DSL or NDSL.

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**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**

|  |    |
|--|----|
| <b>Acute Health Hazard</b>               | No |
| <b>Chronic Health Hazard</b>             | No |
| <b>Fire Hazard</b>                       | No |
| <b>Sudden release of pressure hazard</b> | No |
| <b>Reactive Hazard</b>                   | No |

**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 Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

This product does not contain chemicals on state Right-to-know lists

**International Regulations**

**Canada** – GHS hazards classified per WHIMIS 2015.

**16. OTHER INFORMATION**

|                           |   |                       |                          |                                      |
|---------------------------|---|-----------------------|--------------------------|--------------------------------------|
| <b>NFPA</b>               | <b>Health Hazards 1</b>   | <b>Flammability 0</b> | <b>Instability 0</b>     | <b>Physical and Chemical Hazards</b> |
| <b>HMIS</b>               | <b>Health Hazards 1</b>   | <b>Flammability 0</b> | <b>Physical Hazard 0</b> | <b>Personal Protection X</b>         |
| <b>Revision Date/Note</b> | November 14, 2019 -<br>December 6, 2019 - Consumer verbiage updates<br>6/16/2020 – Updated Emergency information and supplier details |                       |                          |                                      |



**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 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**