

SAFETY DATA SHEET

Issuing Date: December 7, 2019

Supersedes 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 Dish Soap (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
Supplier Address 1907 South St
Cincinnati
OH
45204
Supplier Phone Number Phone: 5134582055
Contact Phone: 5134582043
Supplier Email mwuellner@nehemiahmfg.com
Emergency telephone number

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
D-Glucopyranose, oligomeric, decyl octyl glycosides	68515-73-1	1-5%	X
Sodium 2-(dodecanoloxy)propaine-1-1 sulfonate	928663-45-0	1-5%	X

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts	61789-40-0	1-5%	X
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*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 (CO₂), 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.

No special protective equipment required.

Skin and Body Protection

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**

Physical State	Liquid	Odor	Characteristic
Appearance	Clear	Odor Threshold	No information available
Color	Water white		

<u>Property</u>	<u>Values</u>	<u>Remarks/ Method</u>
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	750 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: No specific data available for this product.

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

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

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	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

NFPA	Health Hazards 1	Flammability 0	Instability 0	Physical and Chemical Hazards
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HMIS	Health Hazards 1	Flammability 0	Physical Hazard 0	Personal Protection X
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Revision Date	December 6, 2019
Revision Note	Consumer verbiage updates

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