



Safety Data Sheet

Issue Date 08-Aug-2011

Revision/Review Date: 13-Nov-2023

Version 1.2

1. IDENTIFICATION

Product Identifier

Product Name Maxim Lemon Fresh

Other Means of Identification

Product Code 220200

Recommended Use of the Chemical and Restrictions on Use

Recommended Use Manual dish washing soap concentrated. For industrial & institutional use.

Details of the Supplier of the Safety Data Sheet

Midlab, Inc.
140 Private Brand Way
Athens, TN 37303

Emergency Telephone Number

Company Phone Number Phone: 1-423-337-3180
Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Yellow

Physical State Liquid

Odor Lemon

Classification

Serious eye damage/eye irritation	Category 2 Sub-Category 2B
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Signal Word

Warning

Hazard Statements

Causes eye irritation.

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling.

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

No other specific measures identified.

Precautionary Statements - Disposal

No other specific measures identified.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Benzenesulfonic Acid, C10-16-Alkyl Derivs., Sodium Salts	68081-81-2	3-7
Sodium C14-16 Olefin Sulfonate	68439-57-6	1-5

**If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret. **

4. FIRST-AID MEASURES

First Aid Measures

Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.
Skin Contact	If skin irritation occurs, rinse affected area with water.
Inhalation	No known hazardous effects. If symptoms occur, remove to fresh air.
Ingestion	Drink plenty of water. If any discomfort persists, obtain medical attention.

Most Important Symptoms and Effects

Symptoms	Direct contact with eyes may cause temporary irritation. Prolonged or repeated skin contact may cause irritation.
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Indication of Any Immediate Medical Attention and Special Treatment Needed

Notes to Physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water spray (fog). Carbon dioxide (CO₂). Dry chemical. Foam.

Unsuitable Extinguishing Media

Not determined.

Specific Hazards Arising from the Chemical

None known.

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	Use personal protective equipment as required.
Environmental Precautions	Avoid release to the environment.

Methods and Material for Containment and Cleaning Up

Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for Clean-Up	Safety glasses and gloves are recommended when cleaning up spillage. Collect spillage. Spillage will be slick on surfaces. Collect in a clean, dry waste container for disposal. After cleaning, flush away traces with water.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling	Do not handle until all safety precautions have been read and understood. Use personal protection recommended in Section 8. Avoid contact with eyes. Observe good industrial hygiene practices.
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Conditions for Safe Storage, Including Any Incompatibilities

Storage Conditions	Keep containers tightly closed in a dry, cool, and well-ventilated place. Keep locked up and out of reach of children. Keep from freezing.
Incompatible Materials	Cationics and oxidizers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Exposure Guidelines</u>	No exposure limits noted for ingredient(s)
<u>Appropriate Engineering Controls</u>	
Engineering Controls	General room ventilation should be adequate under normal use conditions.
<u>Individual Protection Measures, such as Personal Protective Equipment</u>	
Eye/Face Protection	No protective equipment is needed under normal use conditions.
Skin and Body Protection	No protective equipment is needed under normal use conditions.
Respiratory Protection	No protective equipment is needed under normal use conditions.
General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	Liquid	Odor	Lemon
Appearance	Clear	Odor Threshold	Not determined
Color	Yellow		
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
pH	7.0-9.0		
Melting Point/Freezing Point	~ 0 °C / ~32 °F		
Boiling Point/Boiling Range	~ 100 °C / ~212 °F		
Flash Point	Not applicable	Tag	Open Cup
Evaporation Rate	Not determined		
Flammability (Solid, Gas)	na/-liquid		
Upper Flammability Limits	Not determined		
Lower Flammability Limit	Not determined		
Vapor Pressure	Not determined		
Vapor Density	Not determined		
Specific Gravity	1.01		
Water Solubility	Completely soluble	@ 25 °C (77 °F)	
Solubility in other solvents	Not determined		
Partition Coefficient	Not determined		
Auto-ignition Temperature	Not determined		
Decomposition Temperature	Not determined		
Kinematic Viscosity	Not determined		
Dynamic Viscosity	Not determined		
Explosive Properties	Not determined		
Oxidizing Properties	Not determined		

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to Avoid

Keep out of reach of children. Keep from freezing.

Incompatible Materials

Cationics and oxidizers.

Hazardous Decomposition Products

When exposed to fire, produces normal products of combustion.

11. TOXICOLOGICAL INFORMATION**Information on Likely Routes of Exposure****Product Information**

Eye Contact	Avoid contact with eyes.
Skin Contact	Prolonged contact with skin may cause irritation in susceptible persons.
Inhalation	No known issues.
Ingestion	Do not taste or swallow.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Benzenesulfonic Acid, C10-16-Alkyl Derivs., Sodium Salts 68081-81-2	= 1080 mg/kg (Rat)	> 2000 mg/kg (Rat)	-
Sodium C14-16 Olefin Sulfonate 68439-57-6	= 2079-2340 mg/kg (Rat)	= 6300-160000 mg/kg (Rabbit)	= 52-206 mg/L

Information on Physical, Chemical and Toxicological Effects

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term Exposure

Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical Measures of Toxicity

Not determined

Unknown Acute Toxicity

None known

12. ECOLOGICAL INFORMATION**Ecotoxicity**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Benzenesulfonic Acid, C10-16-Alkyl Derivs., Sodium Salts 68081-81-2	= 7.39 mg/L 72h	= 1.67 mg/L 96h, Lepomis macrochirus	-	> 1 < 4.7 mg/L, 72h
Sodium C14-16 Olefin Sulfonate 68439-57-6	= 3.2-5.2 mg/L, 72h	= 3.5-5 mg/L, 96h, Danio rerio	-	= 4.53 mg/L, 48h, Daphnia magna

Persistence/Degradability

This product is expected to be readily biodegradable.

Bioaccumulation

Not determined

Mobility

Not determined

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national, and local laws and regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national, and local laws and regulations.

14. TRANSPORT INFORMATION

DOT Not regulated

IATA Not regulated

IMDG Not regulated

15. REGULATORY INFORMATION

International Inventories

Canada – Domestic Substances List (DSL) All ingredients are listed or exempt.
 TSCA (Toxic Substances Control Act) All ingredients are listed or exempt.

Legend:

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

US Federal Regulations

CERCLA

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
None known	-		-

SARA 311/312 Hazard Categories

Acute Health Hazard Yes

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

CWA (Clean Water Act)

Component	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
None known	-			-

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	State List
None known	-

AZ- Arizona Ambient Air Quality Guidelines	IL- Illinois Toxic Air Contaminant- Carcinogenic
CT- Connecticut Hazardous Air Pollutants	MA- Massachusetts Right to Know List
CA- California Director's List of Hazardous Substances	MN- Minnesota Hazardous Substances List
CAP65- California Prop65	NJ- New Jersey Right to Know List
FL- Florida Substances List	PA- Pennsylvania Right to Know List
ID- Idaho Non-Carcinogen Toxic Air Pollutants	RI- Rhode Island Hazardous Substances List

6. OTHER INFORMATION

<u>NFPA</u>	Health Hazards	Flammability	Instability	Special Hazards
	Not determined	Not determined	Not determined	Not determined
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	1	0	0	None required

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 Revision Note: Version 1.2 Updated Sections 2 & 3.

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.

Keep Out of Reach of Children. For Industrial and Institutional Use Only.

*Denotes changes from last version.

End of Safety Data Sheet