



Section 01 - Identification

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|--|--|
| Product Identifier | Lemon Sparkle Dish Soap |
| Other Means of Identification | None |
| Product Use and Restrictions on Use | Dish soap. |
| Initial Supplier Identifier | Advance Chemicals Ltd. 1500 Quebec Avenue Saskatoon, SK. Canada S7K 1V7 |
| Prepared By | ClearTech Industries Inc. Technical Writer Phone: 1 (800) 387-7503 |
| 24-Hour Emergency Phone | Phone: 1 (306) 664 – 2522 |

Section 02 - Hazard Identification

GHS-Classification

Serious Eye Damage/Irritation Category 2

Physical Hazards

No known physical hazards.

Warning

Hazards Statements

H319 – Causes serious eye irritation.

Pictograms



Precautionary Statements

P264 – Wash hands thoroughly after handling.

P280 – Wear eye protection, and face protection.

P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 – If eye irritation persists: Get medical advice/attention.

Section 03 - Composition / Information on Ingredients

| Chemical Name | CAS Number | Weight % | Unique Identifiers |
|---|------------|----------|--------------------|
| Dodecylbenzenesulfonic Acid Sodium Salt | 68081-81-2 | 7-13% | |
| Sodium Lauryl Sulfate | 68585-47-7 | 5-10% | |
| Water and/or ingredients not classified as hazardous under the Hazardous Products Regulations | | Balance | |

Section 04 - First Aid Measures

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| Inhalation | If symptoms are experienced, remove victim to fresh air. If difficulties breathing persist, seek medical attention. |
| Skin Contact / Absorption | No adverse effects are expected. If symptoms are experienced, seek medical attention. |
| Eye Contact | Immediately flush eye(s) with lukewarm, gently flowing water for 30 minutes, while forcibly holding the eyelid(s) open to ensure complete irrigation of the eye tissue. If irritation persists, seek medical attention. |
| Ingestion | Never give anything by mouth if victim is rapidly losing consciousness, is unconscious or convulsing. Have victim rinse mouth with water. If discomfort occurs, seek medical attention. |
| Additional Information | Not Available |
| Most Important Signs and Symptoms both | |

Section 05 - Fire Fighting Measures

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|---|---|
| Suitable Extinguishing Media | Dry chemicals, CO ₂ , alcohol foam or water spray. |
| Unsuitable Extinguishing Media | High volume water jet. |
| Specific Hazards Arising From the Chemical | Carbon dioxide, carbon monoxide, oxides of carbon, Sulphur and sodium may be generated in a fire. |
| Special Protective Equipment and Precautions for Fire-Fighters | Wear NIOSH-approved self-contained breathing apparatus and protective gear. |
| Further Information | Not Available |

Section 06 - Accidental Release Measures

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|---|---|
| Personal Precautions / Protective Equipment / Emergency Procedures | Wear appropriate personal protective equipment. Ventilate area. Only enter area with PPE. Stop or reduce leak if safe to do so. Flush with water to remove any residue. |
| Environmental Precautions | Prevent product from entering sewers or waterways. |
| Methods and Materials for Containment and Cleaning Up | Clean up spill with non-reactive absorbent and place in suitable, labelled containers for proper disposal. |

Section 07 - Handling and Storage

Precautions for Safe Handling Use proper equipment for lifting and transporting all containers. Use sensible industrial hygiene and housekeeping practices. Wash thoroughly after handling. Avoid all situations that could lead to harmful exposure.

Conditions for Safe Storage Store in a cool, dry, well-ventilated area, away from heat and ignition sources. Keep container tightly closed. Store away from incompatible materials.

Incompatibilities Strong oxidizing agents, strong acids, strong bases, metals.

Section 08 - Exposure Controls and Personal Protection

Exposure Limit(s)

| Component | Regulation | Type of Listing | Value |
|-------------------------|-------------------|------------------------|--------------|
| Lemon Sparkle Dish Soap | Not Available | | |

Engineering Control(s)

Ventilation Requirements Mechanical ventilation (dilution or local exhaust), process or personnel enclosure and control of process conditions must be provided in accordance with all fire codes and regulatory requirements. Supply sufficient replacement air to make up for air removed by exhaust systems.

Other Emergency shower and eyewash must be available and tested in accordance with regulations and be in close proximity.

Protective Equipment

Eyes/Face Eye protection should be worn when handling the undiluted product.

Hand Protection No special requirement, but it is good practice to prevent prolonged skin contact.

Skin and Body Protection No special requirement, but it is good practice to prevent prolonged skin contact.

No special footwear is required other than what is mandated at place of work.

Respiratory Protection No specific guidelines are available.

Thermal Hazards Not Available

Section 09 - Physical and Chemical Properties

Appearance

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|------------------------|---------------|
| Physical State | Liquid |
| Colour | Yellow |
| Odour | Lemon |
| Odour Threshold | Not Available |

Property

| | |
|--|---------------|
| pH | 8 - 10 |
| Melting Point/Freezing Point | 0°C |
| Initial Boiling Point and Boiling Range | Not Available |

| | |
|---|------------------|
| Flash Point | Not Applicable |
| Evaporation Rate | Not Available |
| Flammability | Non-flammable |
| Upper Flammable Limit | Not Applicable |
| Lower Flammable Limit | Not Applicable |
| Vapour Pressure (mm Hg, 20°C) | Not Available |
| Vapour Density (Air=1) | Not Available |
| Relative Density | Not Available |
| Solubility(ies) | Soluble in water |
| Partition Coefficient: n-octanol/water | Not Available |
| Auto-ignition Temperature | Not Applicable |
| Decomposition Temperature | Not Available |
| Viscosity | Not Available |
| Explosive Properties | None |
| Specific Gravity (Water=1) | 1.034 @ 20°C |
| % Volatiles by Volume | Not Available |
| Formula | Mixture |
| Molecular Weight | Not Applicable |

Section 10 - Stability and Reactivity

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|---|--|
| Reactivity | Not Available |
| Stability | Stable. |
| Possibility of Hazardous Reactions | Hazardous polymerization will not occur. |
| Conditions to Avoid | Elevated temperatures. |
| Incompatible Materials | Strong oxidizing agents, strong acids, strong bases. |
| Hazardous Decomposition Products | Oxides of carbon, Sulphur and sodium may be generated. |

Section 11 - Toxicological Information

Acute Toxicity Estimate

| Component | Oral LD ₅₀ | Dermal LD ₅₀ | Inhalation LC ₅₀ |
|-------------------------|-----------------------|-------------------------|-----------------------------|
| Lemon Sparkle Dish Soap | >5.0 g/kg | Not Available | Not Available |

This product has been classified in accordance with the Hazardous Products Regulations using ATE formula documented in the GHS standard.

Chronic Toxicity – Carcinogenicity

| Component | IARC |
|-------------------------|--|
| Lemon Sparkle Dish Soap | None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, or OSHA, as a carcinogen. |

Skin Corrosion/Irritation Mild skin irritation may occur with prolonged contact.

Ingestion May cause gastrointestinal upset and vomiting.

Inhalation No adverse effects expected.

Serious Eye Damage/Irritation Can cause serious eye irritation.

Respiratory or Skin Sensitization Not Available

Germ Cell Mutagenicity Not Available

Reproductive Toxicity Not Available

SINGLE TARGET ORGAN TOXICITY-Single Exposure Not Available

SINGLE TARGET ORGAN TOXICITY-Repeated Exposure Not Available

Aspiration Hazard Not Available

Synergistic Materials Not Available

Section 12 – Ecological Information

Ecotoxicity

| Component | Toxicity to Algae | Toxicity to Fish | Toxicity to Daphnia and Other Aquatic Invertebrates |
|------------------------------|-------------------|------------------|---|
| Lemon Sparkle Dish Soap | Not Available | Not Available | Not Available |
| Biodegradability | Not Available | | |
| Bioaccumulation | Not Available | | |
| Mobility | Not Available | | |
| Other Adverse Effects | Not Available | | |

Section 13 – Disposal Considerations

Waste From Residues/Unused Products Dispose in accordance with all federal, provincial, and/or local regulations including the Canadian Environmental Protection Act.

Contaminated Packaging Dispose in accordance with all federal, provincial, and/or local regulations including the Canadian Environmental Protection Act.

Section 14 – Transport Information

UN Number Not Regulated

| | |
|-----------------------------------|--|
| UN Proper Shipping Name | Not Regulated |
| Transport Hazard Class(es) | Not Regulated |
| Packaging Group | Not Regulated |
| Environmental Hazards | Not listed as a marine pollutant under Canadian TDG Regulations, schedule III. |
| Special Precautions | Not Available |
| Transport in Bulk | Not Available |

TDG

Other Secure containers (full and/or empty) with suitable hold down devices during shipment and ensure all caps, valves, or closures are secured in the closed position.

TDG PRODUCT CLASSIFICATION: This product has been classified on the preparation date specified at section 14 of this MSDS / SDS, for transportation in accordance with the requirements of part 2 of the Transportation of Dangerous Goods Regulations. If applicable, testing and/or published test data regarding the classification of this product are listed in the references at section 16 of this MSDS / SDS.

Section 15 – Regulatory Information

NOTE: THE PRODUCT LISTED ON THIS SDS HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CANADIAN CONTROLLED PRODUCTS REGULATIONS. THIS SDS CONTAINS ALL INFORMATION REQUIRED BY THOSE REGULATIONS.

Section 16 – Other Information

Preparation Date December 30, 2015

Revision Date April 10, 2018

Note: The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all applicable laws and regulations.

Attention: Receiver of the chemical goods / SDS coordinator

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If you have any questions or concerns please call our customer service center.

References:

- 1) CHEMINFO
- 2) eChemPortal
- 3) TOXNET
- 4) Transportation of Dangerous Goods Canada
- 5) HSDB
- 6) ECHA

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