1. PRODUCT IDENTIFICATION

1.1 Product Name:
AVOPLEX LIQUID SOAP

1.2 Chemical Name:
SUCROSE/BOTANICAL OIL MIXTURE

1.3 Synonyms:
NA

1.4 Trade Names:
AV101, AV107, AV108

1.5 Product Use:
PROFESSIONAL OR SUNDRIY USE ONLY

1.6 Distributor’s Name:
OPI PRODUCTS, INC

1.7 Distributor’s Address:
13034 SATICOY STREET, NO. HOLLYWOOD, CA 91605 USA

1.8 Emergency Phone:
CHEMTREC: +1 (703) 527-3887 / +1 (800) 424-3887

1.9 Business Phone:
+1 (818) 759-2400 / 1-800-341-9999

2. HAZARD IDENTIFICATION

2.1 Hazard Identification:
This product is NOT Classified as a HAZARDOUS SUBSTANCE or as a DANGEROUS GOODS according to the classification criteria of NOHSC: 1008 (2004) and ADG Code (Australia).

2.2 Routes of Entry:
Inhalation: YES
Absorption: YES
Ingestion: YES

2.3 Effects of Exposure:
INGESTION: If product is swallowed, may cause nausea, vomiting and/or diarrhea.
SKIN & EYES: Slightly irritating to the eyes. May be irritating to skin in some sensitive individuals.
INHALATION: Inhalation is unlikely; however vapors of this product may be slightly irritating to sensitive individuals.

2.4 Symptoms of Overexposure:
Symptoms of skin overexposure may include redness, itching, and irritation of affected areas.

2.5 Acute Health Effects:
Slight irritation near effected areas of some sensitive individuals.

2.6 Chronic Health Effects:
No chronic health effects are known.

2.7 Target Organs:
Eyes, skin

3. COMPOSITION & INGREDIENT INFORMATION

<table>
<thead>
<tr>
<th>CHEMICAL NAME(S)</th>
<th>CAS No.</th>
<th>RTECS No.</th>
<th>EINECS No.</th>
<th>%</th>
<th>ACGIH</th>
<th>NOHSC</th>
<th>OSHA</th>
<th>OTHER</th>
</tr>
</thead>
<tbody>
<tr>
<td>AQUA/WATER/EAU</td>
<td>7732-18-5</td>
<td>2C01100000</td>
<td>231-191-2</td>
<td>70.0</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA NA NA</td>
</tr>
<tr>
<td>AMMONIUM LAURYL SULFATE</td>
<td>2235-54-3</td>
<td>WT0825000</td>
<td>218-793-9</td>
<td>15.0</td>
<td>NA</td>
<td>NA</td>
<td>NA NA</td>
<td>NA NA</td>
</tr>
<tr>
<td>AMMONIUM LAURETH SULFATE</td>
<td>32612-48-9</td>
<td>NA</td>
<td>NA</td>
<td>15.0</td>
<td>NA</td>
<td>NA</td>
<td>NA NA</td>
<td>NA NA</td>
</tr>
<tr>
<td>SODIUM CHLORIDE</td>
<td>7647-14-5</td>
<td>VZ4725000</td>
<td>231-598-3</td>
<td>5.0</td>
<td>NA</td>
<td>NA</td>
<td>NA NA</td>
<td>NA NA</td>
</tr>
<tr>
<td>COCAMIDE MEA</td>
<td>68140-00-1</td>
<td>NA</td>
<td>268-770-2</td>
<td>4.0</td>
<td>NA</td>
<td>NA</td>
<td>NA NA</td>
<td>NA NA</td>
</tr>
</tbody>
</table>

NA = Not Available; ND = Not Determined; NE = Not Established; NF = Not Found; C = Ceiling Limit; See Section 16 for Additional Definitions of Terms Used
NOTE: All WHMIS required information is included. It is located in appropriate sections based on the ANSI Z400.1-2004 format.
### 3. COMPOSITION & INGREDIENT INFORMATION - continued

<table>
<thead>
<tr>
<th>CHEMICAL NAME(S)</th>
<th>CAS No.</th>
<th>RTECS No.</th>
<th>EINECS No.</th>
<th>%</th>
<th>EXPOSURE LIMITS IN AIR (mg/m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ACGIH</td>
</tr>
<tr>
<td></td>
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<td></td>
<td></td>
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<td>ppm</td>
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<td></td>
<td></td>
<td></td>
<td>TLV</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ES-PEAK</td>
</tr>
</tbody>
</table>
| GLYCERIN         | 56-81-5 | MA80500000 | 200-289-5 | ≤0.3 | NA | NA | NF | NF | NF | NA | NA | NA | NA
| PARFUM (FRAGRANCE) | NA | NA | NA | ≤0.3 | NA | NA | NF | NF | NF | NA | NA | NA | NA
| PHENOXYETHANOL   | 122-99-6 | KM03500000 | 204-589-7 | ≤0.2 | NA | NA | NF | NF | NF | NA | NA | NA | NA
| CAPRYL GLYCOL    | 111-86-8 | NA | 214-254-7 | ≤0.2 | NA | NA | NF | NF | NF | NA | NA | NA | NA
| BENZOPHENONE-4   | 4065-45-6 | DB50443000 | 223-772-2 | ≤0.2 | NA | NA | NF | NF | NF | NA | NA | NA | NA
| BENZYL BENZATE   | 120-51-4 | DG42000000 | 204-402-9 | ≤0.1 | NA | NA | NF | NF | NF | NA | NA | NA | ALLERGEN
| LINALOOL         | 78-70-6 | RG57750000 | 201-134-4 | ≤0.1 | NA | NA | NF | NF | NF | NA | NA | NA | ALLERGEN
| POTASSIUM SORBATE | 24634-61-5 | WG21700000 | 246-376-1 | ≤0.1 | NA | NA | NF | NF | NF | NA | NA | NA | NA
| HEXYL CINNAMAL   | 101-86-0 | GD65000000 | 202-983-3 | ≤0.1 | NA | NA | NF | NF | NF | NA | NA | NA | ALLERGEN
| HEXYLENE GLYCOL  | 107-41-5 | SA08100000 | 203-489-0 | ≤0.06 | NA | NA | NF | NF | NF | NA | NA | NA | NA
| TROMETHAMINE     | 77-86-1 | TY29000000 | 201-064-4 | ≤0.06 | NA | NA | NF | NF | NF | NA | NA | NA | NA
| GERANIOL         | 106-24-1 | RG58300000 | 203-377-1 | ≤0.03 | NA | NA | NF | NF | NF | NA | NA | NA | ALLERGEN
| TOCOPHERYL ACETATE | 58-95-7 | GP82000000 | 200-405-4 | ≤0.03 | NA | NA | NF | NF | NF | NA | NA | NA | NA
| PROPYLENE GLYCOL | 57-55-6 | TY20000000 | 200-338-0 | ≤0.03 | NA | NA | NF | NF | NF | NA | NA | NA | NA
| PERSEA GRATISSIMA (AVOCADO) FRUIT EXTRACT | 8024-32-6 | NA | 232-428-0 | ≤0.03 | NA | NA | NF | NF | NF | NA | NA | NA | NA
| ALOE BARBADENSIS LEAF EXTRACT | 85507-69-3 | NA | 287-390-8 | ≤0.03 | NA | NA | NF | NF | NF | NA | NA | NA | NA
| CI 17200 (RED 33)  | 3567-66-6 | QJ61970000 | 222-656-9 | ≤0.03 | NA | NA | NF | NF | NF | NA | NA | NA | NA
| CI 42090 (BLUE 1) | 68921-42-6 | NA | 272-939-6 | ≤0.03 | NA | NA | NF | NF | NF | NA | NA | NA | NA

### 4. FIRST AID MEASURES

#### 4.1 First Aid:

**INGESTION:** If ingested, do not induce vomiting. Drink plenty of water or milk IMMEDIATELY. If the patient is vomiting, continue to offer plenty of water or milk. Never give water or milk to an unconscious person. Contact the nearest Poison Control Center or local emergency number. Provide an estimate of the time and amount of the substance that was swallowed.

**EYES:** If product is in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes. Open and close eyelid(s) to ensure thorough irrigation. If problem persists, consult a physician.

**SKIN:** If redness, dryness or other signs of irritation to the skin develop, wash affected skin areas with plenty of warm water and soap. If irritation persists, consult a physician.

**INHALATION:** Remove victim to fresh air at once.

#### 4.2 Medical Conditions Aggravated by Exposure:

None known

<table>
<thead>
<tr>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>PHYSICAL HAZARDS</th>
<th>PROTECTIVE EQUIPMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>0</td>
<td>A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EYES</th>
<th>SKIN</th>
</tr>
</thead>
</table>
5. FIREFIGHTING MEASURES

5.1 Flashpoint & Method:
NA

5.2 Autoignition Temperature:
ND

5.3 Flammability Limits:
Lower Explosive Limit (LEL): NE
Upper Explosive Limit (UEL): NE

5.4 Fire & Explosion Hazards:
This product is non-flammable. When exposed to high temperatures, may produce hazardous decomposition products such as carbon monoxide, carbon dioxide and smoke.

5.5 Extinguishing Methods:
NA

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

6. ACCIDENTAL RELEASE MEASURES

6.1 Spills:
Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment. For small spills (e.g., ≤ 1 gallon) wear appropriate personal protective equipment (e.g., goggles, gloves). Maximize ventilation (open doors and windows). Remove spilled material with absorbent material and place into appropriate closed container(s) for disposal. Dispose of properly in accordance with local, state and federal regulations. Wash all affected areas and outside of container with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse. For spills ≥ 1 gallon, deny entry to all unprotected individuals. Dike and contain spill with inert material (e.g., sand or earth). Transfer product to containers for recovery or disposal and solid diking material to separate containers for proper disposal. Remove contaminated clothing promptly and wash affected skin areas with soap and water. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.

7. HANDLING & STORAGE INFORMATION

7.1 Work & Hygiene Practices:
Avoid eye contact. Do not eat, drink or smoke when handling this product. Keep away from foodstuffs and beverages.

7.2 Storage & Handling:
Use and store in a cool, dry, well-ventilated location (e.g., local exhaust ventilation, fans). Do not store in damaged or unmarked containers or storage devices. Keep containers securely closed when not in use.

7.3 Special Precautions:
Spilled material may present a slipping hazard if left unattended. Clean all spills promptly.
### 8. EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1 Ventilation & Engineering Controls:

Use with adequate ventilation (e.g., open doors and windows, local exhaust ventilation). Ensure appropriate decontamination equipment is available (e.g., sink, safety shower, eye-wash station).

8.2 Respiratory Protection:

None required.

8.3 Eye Protection:

None required under normal conditions of use. Avoid eye contact. May cause irritation in some sensitive individuals. When handling large quantities [e.g., ≥ 1 gallon (3.79 liters)], safety glasses with side shields should be used.

8.4 Hand Protection:

None required under normal conditions of use. May cause skin irritation in some sensitive individuals. When handling large quantities [e.g., ≥ 1 gallon (3.79 liters)], wear rubber or impervious plastic gloves.

8.5 Body Protection:

No apron required when handling small quantities. When handling large quantities [e.g., ≥ 1 gallon (3.79 liters)], eye wash stations and deluge showers should be available. Upon completion of work activities involving large quantities of this product, wash any exposed areas thoroughly with soap and water.

### 9. PHYSICAL & CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density</td>
<td>1.0-1.5</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>ND</td>
</tr>
<tr>
<td>Melting Point</td>
<td>ND</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>ND</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>ND</td>
</tr>
<tr>
<td>Molecular Weight</td>
<td>ND</td>
</tr>
<tr>
<td>Appearance &amp; Color</td>
<td>Thick violet gritty paste with floral fragrance.</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>ND</td>
</tr>
<tr>
<td>Solubility</td>
<td>Partial</td>
</tr>
<tr>
<td>pH</td>
<td>5.0-6.0</td>
</tr>
<tr>
<td>Viscosity</td>
<td>500 cps – 1,000 cps</td>
</tr>
<tr>
<td>Other Information</td>
<td>NA</td>
</tr>
</tbody>
</table>
### 10. STABILITY & REACTIVITY

10.1 Stability:
   - This product is stable.

10.2 Hazardous Decomposition Products:
   - If exposed to extremely high temperatures, products of thermal decomposition may include irritating vapors and toxic gases (e.g., oxides of carbon & nitrogen).

10.3 Hazardous Polymerization:
   - Will not occur.

10.4 Conditions to Avoid:
   - Open flames, high heat and direct sunlight.

10.5 Incompatible Substances:
   - None Known.

### 11. TOXICOLOGICAL INFORMATION

11.1 Toxicity Data:
   - The product has not been tested on animals to obtain toxicological data. There are toxicology data for the components of this product, which are found in the scientific literature. These data have not been presented in this document.

11.2 Acute Toxicity:
   - See section 2.5

11.3 Chronic Toxicity:
   - See section 2.6

11.4 Suspected Carcinogen:
   - NE

11.5 Reproductive Toxicity:
   - This product is not reported to produce reproductive toxicity in humans.
     - Mutagenicity:
       - This product is not reported to produce mutagenic effects in humans.
     - Embryotoxicity:
       - This product is not reported to produce embryotoxic effects in humans.
     - Teratogenicity:
       - This product is not reported to produce teratogenic effects in humans.
     - Reproductive Toxicity:
       - This product is not reported to produce reproductive effects in humans.

11.6 Irritancy of Product:
   - See Section 2.3

11.7 Biological Exposure Indices:
   - NE

11.8 Physician Recommendations:
   - Treat symptomatically.

### 12. ECOLOGICAL INFORMATION

12.1 Environmental Stability:
   - There is no specific data available for this product.

12.2 Effects on Plants & Animals:
   - There is no specific data available for this product.

12.3 Effects on Aquatic Life:
   - There is no specific data available for this product.

### 13. DISPOSAL CONSIDERATIONS

13.1 Waste Disposal:
   - Dispose of in accordance with federal, state and local regulations.

13.2 Special Considerations:
   - Dispose of in accordance with federal, state and local regulations.
14. TRANSPORTATION INFORMATION

The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR.

<table>
<thead>
<tr>
<th>14.1</th>
<th>49 CFR (GND):</th>
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</thead>
<tbody>
<tr>
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<table>
<thead>
<tr>
<th>14.2</th>
<th>IATA (AIR):</th>
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</thead>
<tbody>
<tr>
<td>NOT REGULATED</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>14.3</th>
<th>IMDG (OCN):</th>
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</thead>
<tbody>
<tr>
<td>NOT REGULATED</td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>14.4</th>
<th>TDGR (Canadian GND):</th>
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</thead>
<tbody>
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<table>
<thead>
<tr>
<th>14.5</th>
<th>ADR/RID (EU):</th>
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<tr>
<th>14.6</th>
<th>SCT (MEXICO):</th>
</tr>
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<tbody>
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<table>
<thead>
<tr>
<th>14.7</th>
<th>ADGR (Australia):</th>
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15. REGULATORY INFORMATION

<table>
<thead>
<tr>
<th>15.1</th>
<th>SARA Reporting Requirements:</th>
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<tbody>
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<table>
<thead>
<tr>
<th>15.2</th>
<th>SARA Threshold Planning Quantity:</th>
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</thead>
<tbody>
<tr>
<td>NA</td>
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<table>
<thead>
<tr>
<th>15.3</th>
<th>TSCA Inventory Status:</th>
</tr>
</thead>
<tbody>
<tr>
<td>All chemical substances of this product are listed on the TSCA inventory or are otherwise exempted from inventory status.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>15.4</th>
<th>CERCLA Reportable Quantity (RQ):</th>
</tr>
</thead>
<tbody>
<tr>
<td>NA</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>15.5</th>
<th>Other Federal Requirements:</th>
</tr>
</thead>
<tbody>
<tr>
<td>This product complies with the appropriate sections of the Food and Drug Administration’s 21 CFR subchapter G (Cosmetics).</td>
<td></td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>15.6</th>
<th>Other Canadian Regulations:</th>
</tr>
</thead>
<tbody>
<tr>
<td>This product has been classified according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL.</td>
<td></td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>15.7</th>
<th>State Regulatory Information:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sucrose can be found on the following state right to know lists: Pennsylvania, Minnesota, and Massachusetts.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>15.8</th>
<th>67/548/EEC (European Union) Requirements:</th>
</tr>
</thead>
<tbody>
<tr>
<td>The primary components of this product are not listed in Annex I of EU Directive 67/548/EEC.</td>
<td></td>
</tr>
</tbody>
</table>
16. OTHER INFORMATION

16.1 Other Information:
Do not ingest. If swallowed, do not induce vomiting; seek medical attention. Avoid eye contact. Keep out of reach of children. If redness or other signs of adverse reaction occur, discontinue use immediately. If irritation persists, seek medical attention.

16.2 Terms & Definitions:
Please see last page of this MSDS.

16.3 Disclaimer:
This Material Safety Data Sheet is offered pursuant to OSHA’s Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of ShipMate’s & OPI Products Inc.’s knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness are not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.

16.4 Prepared for:
OPI Products, Inc.
13034 Saticoy Street
No. Hollywood, CA 91605 USA
+1 (818) 759-2400 phone
+1 (818) 759-5770 fax
http://www.opi.com/
A large number of abbreviations and acronyms appear on a MSDS. Some of these that are commonly used include the following:

**GENERAL INFORMATION:**

- CAS No. Chemical Abstract Service Number

**EXPOSURE LIMITS IN AIR:**

- ACGIH American Conference on Governmental Industrial Hygienists
- TLV Threshold Limit Value
- OSHA U.S. Occupational Safety and Health Administration
- PEL Permissible Exposure Limit
- IDLH Immediately Dangerous to Life and Health

**HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS**

**HEALTH, FLAMMABILITY & REACTIVITY RATINGS:**

<table>
<thead>
<tr>
<th>Rating</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Minimal Hazard</td>
</tr>
<tr>
<td>1</td>
<td>Slight Hazard</td>
</tr>
<tr>
<td>2</td>
<td>Moderate Hazard</td>
</tr>
<tr>
<td>3</td>
<td>Severe Hazard</td>
</tr>
<tr>
<td>4</td>
<td>Extreme Hazard</td>
</tr>
</tbody>
</table>

**PERSONAL PROTECTION RATINGS:**

- A Safety Glasses
- B Splash Goggles
- C Face Shield & Eye Protection
- D Gloves

**TOXICOLOGICAL INFORMATION:**

- LD₅₀ Lethal Dose (solids & liquids) which kills 50% of the exposed animals
- LC₅₀ Lethal concentration (gases) which kills 50% of the exposed animal
- ppm Concentration expressed in parts of material per million parts

**REGULATORY INFORMATION:**

- WHMIS Canadian Workplace Hazardous Material Information System
- DOT U.S. Department of Transportation
- TC Transport Canada
- EPA U.S. Environmental Protection Agency
- CSL Canadian Domestic Substance List
- NDSL Canadian Non-Domestic Substance List
- PSL Canadian Priority Substances List
- TDCA TSCA (U.S. Toxic Substance Control Act)
- CPR Canada’s Controlled Product Regulations

**EC INFORMATION:**

- C Corrosive
- E Explosive
- F Flammable
- N Harmful
- O Oxidizing
- T+ Toxic
- XI Infant
- Xn Harmful

**WHMIS INFORMATION:**

- A Compressed
- B Flammable
- C Oxidizing
- D1 Toxic
- D2 Inflammation
- D3 Infectious
- E Corrosive
- F Reactive