SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier
   Trade name Snap Seal Liquid Wax

1.1.6 Other means of identification
   Product number SCG 199

1.2 Relevant identified uses of the substance or mixture and uses advised against
   Relevant identified uses vehicle wax

1.3 Details of the supplier of the safety data sheet
   Commodore Sales Inc.
   11002 Trade Rd.
   Richmond, VA 23236
   800-747-1992
   Competent person responsible for the SDS Robert Blahnik

1.4 Emergency telephone number
   Emergency information service USA 1.800.535.5053, INTL 1.352.323.3500
   24 hour emergency telephone number.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
   Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)
   Annex - Hazard class and category - Hazard statement code(s)
   Remarks
   For full text of H-phrases: see SECTION 16.
   Hazards not otherwise classified
   Very toxic to aquatic life with long lasting effects (GHS category 1: aquatic toxicity - acute and chronic).

2.2 Label elements
   Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)
   Signal word not required
   Pictograms not required

2.3 Other hazards
   There is no additional information.
SECTION 3: Composition/information on ingredients

3.1 Substances
not relevant (mixture)

3.2 Mixtures

Description of the mixture

<table>
<thead>
<tr>
<th>Name of substance</th>
<th>Identifier</th>
<th>Wt%</th>
<th>Hazard class and category</th>
<th>Hazard statement</th>
</tr>
</thead>
<tbody>
<tr>
<td>dimethylsiloxane cyclic tetramer</td>
<td>CAS No 556-67-2</td>
<td>1 - &lt; 5</td>
<td>B.6 Flam. Liq. 3 A.7 Repr. 2</td>
<td>H226 H361f</td>
</tr>
</tbody>
</table>

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes
Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation
Provide fresh air.

Following skin contact
After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.

Following eye contact
Irrigate copiously with clean, fresh water, holding the eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing.

Following ingestion
Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media
water spray, alcohol resistant foam, BC-powder, carbon dioxide (CO2)

Unsuitable extinguishing media
water jet

5.2 Special hazards arising from the substance or mixture
Explosive when mixed with combustible material.
Hazardous combustion products
nitrogen oxides (NOx), carbon monoxide (CO), carbon dioxide (CO2)

5.3 Advice for firefighters
In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel
Remove persons to safety.

For emergency responders
Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

6.2 Environmental precautions
Keep away from drains, surface and ground water. Retain contaminated washing water and dispose it.

6.3 Methods and material for containment and cleaning up

Advices on how to contain a spill
Covering of drains.

Advices on how to clean up a spill
Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage (sawdust, kieselgur (diatomite), sand, universal binder).

Appropriate containment techniques
Use of adsorbent materials.

Other information relating to spills and releases
Place in appropriate containers for disposal. Ventilate affected area.

Reference to other sections

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Recommendations

Measures to prevent fire as well as aerosol and dust generation
Use local and general ventilation. Use only in well-ventilated areas.
Safety Data Sheet

cacc. to OSHA, Appendix D to § 1910.1200

Snap Seal Liquid Wax

Advice on general occupational hygiene
Wash hands after use. Do not to eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities
Managing of associated risks
Incompatible substances or mixtures
Observe compatible storage of chemicals.
Control of the effects
Protect against external exposure, such as frost
Consideration of other advice
Packaging compatibilities
Only packagings which are approved (e.g. acc. to ADR) may be used.

7.3 Specific end use(s)
See section 16 for a general overview.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters
National limit values
Occupational exposure limit values (Workplace Exposure Limits)
Relevant DNELs/DMELs/PNECs and other threshold levels
No data available.

8.2 Exposure controls
Appropriate engineering controls
General ventilation.
Individual protection measures (personal protective equipment)
Eye/face protection
Wear eye/face protection.
Skin protection
• hand protection
Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.
• other protection measures
Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection
In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls
Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance
- Physical state: liquid
- Color: light orange
- Odor: fruity

Other physical and chemical parameters
- pH (value): 7 - 8.5 at 25 °C
- Melting point/freezing point: 0 °C
- Initial boiling point and boiling range: 100 °C
- Flash point: >100 °C at 101.3 kPa (closed cup)
- Evaporation rate: not determined
- Flammability (solid, gas): not relevant (fluid)
- Explosive limits: not determined
- Vapor pressure: 132 Pa at 25 °C
- Density: 0.99 - 1.01 g/cm³ at 25 °C
- Solubility(ies): miscible in any proportion
- Water solubility: This information is not available.
- Partition coefficient: n-octanol/water (log KOW)
- Auto-ignition temperature: 384 °C
- Viscosity: not determined
- Explosive properties: none
- Oxidizing properties: none
SECTION 10: Stability and reactivity

10.1 Reactivity
Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

10.2 Chemical stability
See below "Conditions to avoid".

10.3 Possibility of hazardous reactions
No known hazardous reactions.

10.4 Conditions to avoid
There are no specific conditions known which have to be avoided.

Physical stresses which might result in a hazardous situation and have to be avoided
strong shocks

10.5 Incompatible materials
There is no additional information.

Hazardous decomposition products
Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

SECTION 11: Toxicological information

11.1 Information on toxicological effects
Test data are not available for the complete mixture.

Classification procedure
The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Acute toxicity
Shall not be classified as acutely toxic.

Skin corrosion/irritation
Shall not be classified as corrosive/irritant to skin.

Respiratory or skin sensitization
Shall not be classified as a respiratory or skin sensitizer.

Summary of evaluation of the CMR properties
Shall not be classified as germ cell mutagenic, carcinogenic nor as a reproductive toxicant.

Carcinogenicity

• National Toxicology Program (United States): none of the ingredients are listed
• IARC Monographs none of the ingredients are listed
Specific target organ toxicity (STOT)  
Shall not be classified as a specific target organ toxicant.

Aspiration hazard  
Shall not be classified as presenting an aspiration hazard.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity (acute)  
Shall not be classified as hazardous to the aquatic environment.

Aquatic toxicity (acute) of components of the mixture

<table>
<thead>
<tr>
<th>Name of substance</th>
<th>CAS No</th>
<th>Endpoint</th>
<th>Value</th>
<th>Species</th>
<th>Exposure time</th>
</tr>
</thead>
<tbody>
<tr>
<td>dimethylsiloxane cyclic tetramer</td>
<td>556-67-2</td>
<td>LC50</td>
<td>&gt;22 µg/l</td>
<td>fish</td>
<td>96 hours</td>
</tr>
<tr>
<td>dimethylsiloxane cyclic tetramer</td>
<td>556-67-2</td>
<td>EC50</td>
<td>&gt;1000 mg/l</td>
<td>aquatic invertebrates</td>
<td>96 hours</td>
</tr>
</tbody>
</table>

Aquatic toxicity (chronic)  

Aquatic toxicity (chronic) of components of the mixture

<table>
<thead>
<tr>
<th>Name of substance</th>
<th>CAS No</th>
<th>Endpoint</th>
<th>Value</th>
<th>Species</th>
<th>Exposure time</th>
</tr>
</thead>
<tbody>
<tr>
<td>dimethylsiloxane cyclic tetramer</td>
<td>556-67-2</td>
<td>LC50</td>
<td>10 µg/l</td>
<td>fish</td>
<td>14 d</td>
</tr>
<tr>
<td>dimethylsiloxane cyclic tetramer</td>
<td>556-67-2</td>
<td>EC50</td>
<td>&gt;500 mg/l</td>
<td>aquatic invertebrates</td>
<td>24 h</td>
</tr>
</tbody>
</table>

12.2 Process of degradability  
Data are not available.

Degradability of components of the mixture

<table>
<thead>
<tr>
<th>Name of substance</th>
<th>CAS No</th>
<th>Process</th>
<th>Degradation rate</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>dimethylsiloxane cyclic tetramer</td>
<td>556-67-2</td>
<td>carbon dioxide generation</td>
<td>3.7 %</td>
<td>29 d</td>
</tr>
</tbody>
</table>

12.3 Bioaccumulative potential  
Data are not available.

Bioaccumulative potential of components of the mixture

<table>
<thead>
<tr>
<th>Name of substance</th>
<th>CAS No</th>
<th>BCF</th>
<th>Log KOW</th>
<th>BOD5/COD</th>
</tr>
</thead>
<tbody>
<tr>
<td>dimethylsiloxane cyclic tetramer</td>
<td>556-67-2</td>
<td>12400</td>
<td>4.45</td>
<td></td>
</tr>
</tbody>
</table>
12.4 Mobility in soil
  Data are not available.

12.5 Results of PBT and vPvB assessment
  Data are not available.

12.6 Other adverse effects
  Data are not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods
  Sewage disposal-relevant information
  Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.
  Waste treatment of containers/packages
  Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

13.3 Remarks
  Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

SECTION 14: Transport information

14.1 UN number

14.2 UN proper shipping name not relevant

14.3 Transport hazard class(es)
  Class -

14.4 Packing group not relevant

14.5 Environmental hazards

14.6 Special precautions for user
  There is no additional information.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
  The cargo is not intended to be carried in bulk.
SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

National regulations (United States)

SARA TITLE III (Superfund Amendment and Reauthorization Act)

List of Extremely Hazardous Substances (40 CFR 355) (EPCRA Section 302 and 304) none of the ingredients are listed

Specific Toxic Chemical Listings (40 CFR 372) (EPCRA Section 313) none of the ingredients are listed

Industry or sector specific available guidance(s)

NPCA-HMIS® III

Hazardous Materials Identification System (American Coatings Association)

<table>
<thead>
<tr>
<th>Category</th>
<th>Rating</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chronic</td>
<td>*</td>
<td>Chronic (long-term) health effects may result from repeated overexposure.</td>
</tr>
<tr>
<td>Health</td>
<td>0</td>
<td>No significant risk to health.</td>
</tr>
<tr>
<td>Flammability</td>
<td>1</td>
<td>Materials that must be preheated before ignition can occur.</td>
</tr>
<tr>
<td>Physical hazard</td>
<td>0</td>
<td>Materials that are normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosives.</td>
</tr>
<tr>
<td>Personal protective equipment</td>
<td>-</td>
<td></td>
</tr>
</tbody>
</table>

NFPA® 704


<table>
<thead>
<tr>
<th>Category</th>
<th>Degree of hazard</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability</td>
<td>1</td>
<td>Materials that must be preheated before ignition can occur.</td>
</tr>
<tr>
<td>Health</td>
<td>0</td>
<td>Materials that, under emergency conditions, would offer no hazard beyond that of ordinary combustible material.</td>
</tr>
<tr>
<td>Instability</td>
<td>0</td>
<td>Materials that are normally stable, even under fire conditions.</td>
</tr>
<tr>
<td>Special hazard</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Right to Know Hazardous Substance List none of the ingredients are listed

Proposition 65 List of chemicals none of the ingredients are listed
16.2 Abbreviations and acronyms

<table>
<thead>
<tr>
<th>Abbr.</th>
<th>Descriptions of used abbreviations</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADR</td>
<td>Accord européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)</td>
</tr>
<tr>
<td>BCF</td>
<td>BioConcentration Factor</td>
</tr>
<tr>
<td>BOD</td>
<td>Biochemical Oxygen Demand</td>
</tr>
<tr>
<td>CAS</td>
<td>Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)</td>
</tr>
<tr>
<td>CMR</td>
<td>Carcinogenic, Mutagenic or toxic for Reproduction</td>
</tr>
<tr>
<td>COD</td>
<td>chemical oxygen demand</td>
</tr>
<tr>
<td>DMEL</td>
<td>Derived Minimal Effect Level</td>
</tr>
<tr>
<td>DNEL</td>
<td>Derived No-Effect Level</td>
</tr>
<tr>
<td>Flam. Liq.</td>
<td>flammable liquid</td>
</tr>
<tr>
<td>GHS</td>
<td>&quot;Globally Harmonized System of Classification and Labelling of Chemicals&quot; developed by the United Nations</td>
</tr>
<tr>
<td>IARC Monographs</td>
<td>IARC Monographs on the Evaluation of Carcinogenic Risks to Humans</td>
</tr>
<tr>
<td>log KOW</td>
<td>n-octanol/water</td>
</tr>
<tr>
<td>MARPOL</td>
<td>International Convention for the Prevention of Pollution from Ships (abbr. of &quot;Marine Pollutant)</td>
</tr>
<tr>
<td>OSHA</td>
<td>Occupational Safety and Health Administration (United States)</td>
</tr>
<tr>
<td>PBT</td>
<td>Persistent, Bioaccumulative and Toxic</td>
</tr>
<tr>
<td>PNEC</td>
<td>Predicted No-Effect Concentration</td>
</tr>
<tr>
<td>Repr.</td>
<td>reproductive toxicity</td>
</tr>
<tr>
<td>vPvB</td>
<td>very Persistent and very Bioaccumulative</td>
</tr>
</tbody>
</table>

16.3 Key literature references and sources for data

16.4 Classification procedure
Physical and chemical properties: The classification is based on tested mixture. Health hazards/Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).
16.5 List of relevant phrases (code and full text as stated in chapter 2 and 3)

<table>
<thead>
<tr>
<th>Code</th>
<th>Text</th>
</tr>
</thead>
<tbody>
<tr>
<td>H226</td>
<td>flammable liquid and vapor</td>
</tr>
<tr>
<td>H361f</td>
<td>suspected of damaging fertility</td>
</tr>
</tbody>
</table>

16.7 Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.