1. Product and company identification

Product Name: Perrin’s Citrus Floor Cleaner
UN/ID No.: Dot (U.S.): Not regulated

2. Hazards identification

| Appearance: Orange | Physical State: Liquid | Odor: Lemon |

Classification
This product is classified as: Not classified as hazardous

Hazard Statement
Effects of over-exposure (For each potential route of Exposure)

INHALED: None
SKIN: Mild Skin Irritant.
EYES: Mild Eye Irritant

SWALLOWED: Harmful if swallowed, will cause throat irritation.

Precautionary Statements – Preventions
Wash face, hands and any exposed skin thoroughly after handling
Chemical Safety goggles if contact is likely. Liquid and mist may irritate the eyes
Do not eat, drink or smoke when using this product
Use in a well-ventilated area
Do not breathe dust/fume/gas/mist/vapors/spray
Other protective measures: Use good personal hygiene practices

Precautionary Statements – Response
Immediately call A POISON CENTER or doctor/physician
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so.
Continue rinsing. If irritation persist immediately call a POISON CONTROL or doctor/physician
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
Wash contaminated clothing before reuse
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is difficult,
give oxygen and immediately call a POISON CENTER or doctor/physician
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician, give moderate amounts of water to wash
out mouth area and dilute remaining residue. Do NOT induce vomiting

Precautionary Statements – Storage
Store locked up
Store in a well-ventilated place. Keep container tightly closed.

Precautionary Statements – Disposal
Dispose of contents/container to an approved waste disposal plant

Other Hazards
None known

3. Composition/information on ingredients

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohol Ethoxylate</td>
<td>68937-66-6</td>
<td>3</td>
</tr>
</tbody>
</table>

Diluted quantities as directed on label;
This product does not contain any hazardous ingredient in quantities requiring, in accordance with local regulations

4. First aid measures

Eye contact: Remove contact lenses if easy to do so. Flush with large amounts of water for 15
minutes lifting upper and lower eyelids. If irritation persists seek medical attention.
Skin contact: Wash affected area with plenty of soap and water. If irritation persists, or redness
develops, seek medical attention.
Inhalation: If discomfort is experienced after prolonged exposure to mist/vapors remove to
fresh air. If breathing is difficult, give oxygen and seek medical attention.
Ingestion: Do NOT induce vomiting. If conscious, give moderate amounts of water to wash
mouth area and dilute remaining residue. Do not give anything by mouth to an
unconscious person. Seek medical attention immediately.

Note to physician
Treat symptomatically

General Advice
Ensure that medical personnel are aware of the material(s) involved, and take
precautions to protect themselves

5. Fire-fighting measures

Flash point: N/A
Flammability of the product: Not flammable by OSHA criteria. Not combustible by OSHA criteria
Extinguishing media: Water Fog. Foam. Dry chemical powder. Carbon dioxide (CO2)
Suitable: Known none
Non suitable: Known none
Decomposition products: Carbon dioxide, Carbon monoxide, sulfur oxides, metal oxide/oxides
Special protective equipment for fire-fighters: 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: Use personal protective equipment as required. Caution product may be slippery
Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.
See Section 12, Ecological Information. See Section 13, Disposal Considerations,
for additional information.

Environmental precautions: Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

Small spill: Dike and contain liquid. Mop up spill and rinse area. Caution, floors may be
slippery.

Large spill: Dike and contain liquid/spill and cap leaking container as necessary to prevent
further spreading of spilled material. Wear rubber boots, gloves and appropriate
protective clothing. Shut off source of leak if safe to do so. Pick up and transfer to
properly labeled container.
7. Handling and storage

Handling & Storage  Store in a cool, dry, well ventilated area away from heat or flame. Do not destroy or
deface the label on container. Keep container closed.

8. Exposure controls/personal protection

Consult local authorities for acceptable exposure limits.  
Engineering Controls  Apply technical measures to comply with the occupational exposure limits.  
Local exhaust ventilation recommended.  Eye wash stations. Showers.

Individual-protection measures, such as personal protective equipment

Eye/Face Protection  No special equipment is usually needed when using small quantities. For bulk 
handling wear suitable protective glasses or goggles.

Skin and Body Protection  The information at hand indicates that this product is not harmful and that normally 
no special skin protection is necessary. When handling bulk quantities, wear gloves 
of impervious material.

Respiratory Protection  Domestic quantities require no special requirements with normal careful use. When 
handling bulk quantities, avoid breathing mist or vapors. When ventilation is 
inadequate and mist or vapors are generated, respiratory protective equipment 
should be used suitable for protecting against airborne contaminants.

General Hygiene considerations  Use good personal hygiene practices.

9. Physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Closed cup: &gt;212°F (98.9°C) None to Boil (Pensky-Martens) ASTM #D-93</td>
</tr>
<tr>
<td></td>
<td>Open cup: &gt;212°F (98.9°C) None to Boil (Cleveland) ASTM #D-92</td>
</tr>
<tr>
<td>Color</td>
<td>Orange</td>
</tr>
<tr>
<td>pH</td>
<td>11</td>
</tr>
<tr>
<td>Evaporation Rate (Water=1)</td>
<td>1.0</td>
</tr>
<tr>
<td>Water Reactive</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Density (Air=)</td>
<td>&lt;1.0</td>
</tr>
<tr>
<td>Solubility in water</td>
<td>98.8</td>
</tr>
</tbody>
</table>

10. Stability reactivity

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability</td>
<td>Material is stable under normal conditions</td>
</tr>
<tr>
<td>Possibility of hazardous</td>
<td>Material under normal conditions of storage and use, hazardous reactions will not occur</td>
</tr>
<tr>
<td>reactions</td>
<td>Material is not expected to cause reproductive or developmental effects</td>
</tr>
<tr>
<td>Conditions to avoid</td>
<td>N/A</td>
</tr>
<tr>
<td>Materials to avoid</td>
<td>N/A</td>
</tr>
<tr>
<td>Hazardous decomposition products</td>
<td>Material under normal conditions, hazardous decomposition products should not be produced</td>
</tr>
</tbody>
</table>

11. Toxicological information

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitization</td>
<td>Not classified</td>
</tr>
<tr>
<td>Acute effects</td>
<td>May be harmful if swallowed. May be harmful in contact with skin</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>This product is not considered to be carcinogen by IARC, ACGIH, NTP, or OSHA</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Causes skin irritation</td>
</tr>
<tr>
<td>Mutagenicity</td>
<td>No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic</td>
</tr>
<tr>
<td>Reproductive effects</td>
<td>This product is not expected to cause reproductive or developmental effects</td>
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</tbody>
</table>
12. Ecological information

<table>
<thead>
<tr>
<th>Ecotoxicity</th>
<th>Toxic to aquatic life with long lasting effects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Persistence/ degradability</td>
<td>Readily biodegradable</td>
</tr>
<tr>
<td>Bioaccumulation/ Accumulation</td>
<td>No data available</td>
</tr>
</tbody>
</table>

13. Disposal considerations

Waste disposal: The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a license waste contactor. Disposal of this product, solutions and any by products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contract with soil, waterways, drains and sewers.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

14. Transport information

DOT (U.S.): Not regulated

15. Regulatory information

California Proposition 65: No listed substance

16. Other information

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Physical Hazards</th>
<th>Personal Protection</th>
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<tr>
<td></td>
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<td>0</td>
<td>B</td>
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Indicates information that has changed from previously issued version.

Disclaimer
The information provided in the 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 in 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