Material Safety Data Sheet
This document is based on and in accordance to 2001/58/EC

Product name : HAND SANITIZER

PRODUCT & IDENTIFICATION

1.1 Product Name: PERFORMANCE PLUS HAND SANITIZER
1.2 Chemical Name: Ethyl solution
1.3 Synonyms: NA
1.4 Trade Names: Hand Sanitizer
1.5 Product Use: Hand Sanitizer
1.6 Distributor's Name: RJ SCHINNER CO. INC.
1.7 Distributor's Address: N89W14700 Patrita Dr, Menomonee Falls, WI 53051
1.8 Emergency Phone: CHEMTREC +1(703)527-3887/+1(800)424-9300
1.9 Business Phone/Fax: Tel:+1(888)234-1460

1) Composition / Information On Ingredients

<table>
<thead>
<tr>
<th>INGREDIENTS</th>
<th>CAS#</th>
<th>PERCENTAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl alcohol</td>
<td>64-17-5</td>
<td>75.000</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>24.030</td>
</tr>
<tr>
<td>PEG-40 Hydrogenated Castor Oil</td>
<td>61788-85-0</td>
<td>0.500</td>
</tr>
<tr>
<td>Carbomer</td>
<td>9007-16-3;9003-01-4;9007-17-4;76050-42-5;9062-04-8</td>
<td>0.300</td>
</tr>
<tr>
<td>Sodium Hydroxide</td>
<td>1310-73-2</td>
<td>0.120</td>
</tr>
<tr>
<td>Tocopherol</td>
<td>59-02-9;119-13-1;1406-18-4;1406-66-2;2074-53-5;10191-41-0</td>
<td>0.050</td>
</tr>
</tbody>
</table>

2) Hazards Identification

No special hazards.

3) First Aid Measures

Inhalation : N/A
Skin contact : Rinse immediately with plenty of water.
Eye contact : Rinse immediately with plenty of water and seek medical advise.
Ingestion : Rinse mouth and drink plenty of water and seek medical advise.
Micellaneous : Consult a physician.

4) Fire - Fighting Measures

Extinguishing media:
Suitable : Water mist Carbon Dioxide foam dry powder.
Special exposure hazards : Don't release chemically contaminated water into drains soil or surface water.

5) Accidental Release Measures

Personal precautions : Don't ingest. Avoid contact with eyes and clothing.
6) Handling And Storage

Handling: Avoid exposure to eyes. Good standards of safe working practice and industrial hygiene should be observed.

Storage: Original packaging units tightly closed and stored at below 52°C

Packing materials: Polyethylene bottle.

7) Exposure Controls / Personal Protection

Engineering Controls: Use Local Exhaust Ventilation

Personal Protective Equipment: Eyes/Face

Wear safety glasses; chemical goggles (if splashing is possible)

Personal Protective Equipment: Skin

Wear suitable protective clothing. Use impervious gloves.

Personal Protective Equipment: Respiratory

If vapors are present or irritation is experienced, NIOSH approved respiratory protection for organic vapors should be worn.

Personal Protective Equipment: General

Requirements relevant to the content of the total anionic surfactants in liquid shampoo are amended to a minimum of 7.5% and it could be 5% minimum under the condition that the contents of ethanol soluble matters and sodium chloride are at a minimum of 10 m/m in compliance with the American Society for Testing and Material Specification D 2358/1969.

8) Physical And Chemical Properties

Appearance: Colorless Transparent Liquid

Odor: Moderate alcohol Odor

Specific Gravity (AT25°C): 0.89-0.92

Solubility In Water: Complete

pH (25°C 1:10 Solution): 6.5-7.5

Viscosity (mpa.s): 5500-8500

Stability: -5°C ~ 15°C 40°C ~ 48°C for 1 week; no change in color, fragrance or consistency

Total Plate Count (cfu/ml & g): 0

Molds And Yeast Count (cfu/ml & g): 0

Pathological microorganisms: 0

Flash point: 22°C

9) Stability & Reactivity

Chemical Stability: Stable Under Normal Conditions

Conditions To Avoid: Avoid Strong Oxidizing Agents

Incompatibility: This Product May React With Strong Oxidizing Agents

Hazardous Decomposition: Upon Decomposition This Product May Yield Oxides Of Nitrogen And Ammonia

Hazardous Polymerization: Will Not Occur

10) Toxicological Information

LD50 Value: No Data Available. Not Expected To Be Acutely Toxic.

Acute inhalation toxicity: Intake is not easy.

Skin irritation acute: Slight stimulation.

Eye irritation acute: Slight stimulation
### 11) Stability And Reactivity

Dangerous reactions: Non.

Dangerous products of decomposition: Non.

### 12) Disposal Considerations

Disposal: Disposal in accordance with local regulations for chemical waste.

### 13) Transport Information

<table>
<thead>
<tr>
<th>14.1 UN number</th>
<th>ADR/RID</th>
<th>ADN</th>
<th>IMDG</th>
<th>IATA</th>
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<tr>
<td>1170</td>
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<thead>
<tr>
<th>14.2 UN proper shipping name</th>
<th>alcohol solution</th>
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<tr>
<th>14.3 Transport hazard class(es)</th>
<th>3, flammable liquid</th>
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<tr>
<th>14.4 Packing group</th>
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<table>
<thead>
<tr>
<th>14.5 Environmental hazards</th>
<th>NO</th>
<th>NO</th>
<th>NO</th>
<th>NO</th>
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<tr>
<th>14.6 Special precautions for user</th>
<th>Transport within user’s premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage</th>
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### 14) Regulatory Information

Declaration: Classification not required.

### 15) Other Information

This MSDS has been produced with a new data base system leading to changes in the format and phrases. Additionally the opportunity has been taken to check and update all information.