1. Product and Company Information

P & S Sales, Inc
20943 Cabot Blvd.
Hayward CA 94545
Emergency Number: 800-255-3924
Customer Service: 510-732-2628
Business Fax: 510-732-2632

Generic Description: Anionic Detergent Blend

NFPA Profile: Health 1  Flammability 0  Reactivity 0

2. OSHA Hazard Components

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Wt %</th>
<th>Component Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>149458-07-1</td>
<td></td>
<td>Sodium Methyl-2 Sulfolaurate</td>
</tr>
<tr>
<td>1643-20-6</td>
<td></td>
<td>Lauramine Oxide</td>
</tr>
</tbody>
</table>

Amounts specified are typical and do not represent a specification. Remaining components are proprietary, non-hazardous, and/or present at amounts below reportable limits.

3. Effects of Overexposure

Acute Effects
Eye: Direct contact may cause temporary redness and discomfort.
Skin: No significant irritation expected from a single short-term exposure.
Inhalation: Irritates respiratory passages very slightly.
Oral: Low ingestion hazard in normal use.

Prolonged/Repeated Exposure Effects
Skin: No known applicable information.
Inhalation: No known applicable information.
Oral: No known applicable information.

Medical Conditions Aggravated by Exposure: No known applicable information.

The above listed potential effects of overexposure are based on actual data, results of studies performed upon similar compositions, component data and/or expert review of the product. Please refer to Section 11 for the detailed toxicology information.

4. First Aid Measures

Eye: Immediately flush with water.
Skin: No first aid should be needed.
Inhalation: No first aid should be needed.
Oral: No first aid should be needed.

Comments: Treat symptomatically.

5. Fire Fighting Measures

Flash Point: >213.8 °F
Auto Ignition: Not Determined
Upper Flammability Limit: Not Determined
Lower Flammability Limit: Not Determined

Extinguishing Media:
On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide (CO2), dry chemical or water spray. Water can be used to cool fire exposed containers.
Fire Fighting Measures:
Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.

Unusual Fire Hazards:
None.

6. Accidental Release Measures
Determine whether to evacuate or isolate the area according to your local emergency plan. Observe all personal protection equipment recommendations described in Sections 5 and 8. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbant. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbant or cleaning materials appropriately, since spontaneous heating may occur. Local, state and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which federal, state and local laws and regulations are applicable. Sections 13 and 15 of this MSDS provide information regarding certain federal and state requirements.

7. Handling and Storage
Use with adequate ventilation. Avoid eye contact.

Use reasonable care and store away from oxidizing materials.

8. Exposure Controls and Personal Protection

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Engineering Controls
Local Ventilation: None should be needed.
General Ventilation: Recommended.

Personal Protective Equipment for Routine Handling

Eyes: Use proper protection - safety glasses as a minimum.
Skin: Washing at mealtime and end of shift is adequate.
Suitable Gloves: No special protection needed.
Inhalation: No respiratory protection should be needed.
Suitable Respirator: None should be needed.

Precautionary Measures: Avoid eye contact. Use reasonable care.

Comments: When heated to temperatures above 150 degrees C in the presence of air, product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard, a known skin and respiratory sensitizer, and an irritant to the eyes, nose, throat, skin, and digestive system.
Safe handling conditions may be maintained by keeping vapor OSHA Permissible Exposure Limit for
9. Physical and Chemical Properties

Physical State  Liquid  Color  Orange  Vapor Press  Not Determined
pH  9-10  Specific Gravity  1.05  Viscosity  5 cst
Vapor Density (Air=1)  Not Determined  Melting Point °F  25°F  Odor  Fruity
Water Solubility  complete  VOC Content  .00 lb/gal

10. Stability and Reactivity

Stability  Stable  Hazardous Polymerization  Not Expected to Occur
Conditions to Avoid  Oxidizing materials can cause a reaction
Hazardous Decomposition Products  When heated to temperatures above 150 degrees C in the presence of air, product can form formaldehyde vapors. Safe handling conditions may be maintained by keeping vapor OSHA Permissible Exposure Limit for formaldehyde.

11. Toxicological Information

Oral LD50 (rat) > 5000 mg/Kg
Dermal LD50 (rabbit) >= 2000 mg/Kg

12. Ecological Information

Aquatic LC50 >= 1.0-10 mg/Kg

13. Disposal Information

RCRA Hazard Class (40 CFR 261)
When a decision is made to discard this material, as received, is it classified as a hazardous waste? No
State or local laws may impose additional regulatory requirements regarding disposal.

14. Transportation Information

Not subject to DOT. Not regulated
Not subject to IMDG code.
Not subject to IATA regulations

15. Regulatory Information

TSCA Status: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

EPA SARA Title III Chemical Listings
Section 302 Extremely Hazardous Substances (40 CFR 355): None.
Section 304 CERCLA Hazardous Substances (40 CFR 302): None.
Section 311/312 Hazard Class (40 CFR 370):
Acute:  No
Chronic:  No
Fire:  No
The information and recommendations are offered for the user's consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use. If buyer repackages this product, legal counsel should be consulted to insure proper health, safety and other necessary information is included on the container.