Sodium Methyl Paraben
Safety Data Sheet
according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Revision Date: 12/17/2014
Version: 1.0

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1. Product Identifier
Product Form: Substance
Product Name: Sodium Methyl Paraben
CAS No: 5026-62-0
Synonyms: Sodium 4-(methoxycarbonyl)-phenolate

1.2. Intended Use of the Product
Use of the substance/mixture: antimicrobial – cosmetics and personal care

1.3. Name, Address, and Telephone of the Responsible Party
Company
Acme-Hardesty Co.
450 Sentry Parkway
Blue Bell, PA 19422
T 866-226-3834 T 215-591-3610
www.acme-hardesty.com

1.4. Emergency Telephone Number
Emergency Number: 800-424-9300
For Chemical Emergency, Spill, Leak, Fire, Exposure, or Accident, call CHEMTREC – Day or Night

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture
Classification (GHS-US)
Comb. Dust
Skin Irrit. 2 H315
Eye Dam. 1 H318
Aquatic Chronic 3 H412

2.2. Label Elements
GHS-US Labeling
Hazard Pictograms (GHS-US):

Signal Word (GHS-US): Danger

Hazard Statements (GHS-US):
H232 - May form combustible dust concentrations in air
H315 - Causes skin irritation
H318 - Causes serious eye damage
H412 - Harmful to aquatic life with long lasting effects

Precautionary Statements (GHS-US):
P264 - Wash exposed areas. thoroughly after handling
P273 - Avoid release to the environment
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P302+P352 - IF ON SKIN: Wash with plenty of soap and water
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P310 - Immediately call a POISON CENTER or doctor/physician
P321 - Specific treatment (see Section 4)
P332+P313 - If skin irritation occurs: Get medical advice/attention
P362 - Take off contaminated clothing and wash before reuse
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2.3. Other Hazards
Other Hazards Not Contributing to the Classification: Hazardous to the aquatic environment - Chronic Hazard Category 3.

2.4. Unknown Acute Toxicity (GHS-US)
No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

<table>
<thead>
<tr>
<th>Name</th>
<th>Product Identifier</th>
<th>%</th>
<th>Classification (GHS-US)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzoic acid, 4-hydroxy-, methyl ester, sodium salt</td>
<td>(CAS No) 5026-62-0</td>
<td>100</td>
<td>Comb. Dust Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412</td>
</tr>
</tbody>
</table>

Full text of H-phrases: see section 16

3.2. Mixture
Not applicable
Full text of H-phrases: see section 16

SECTION 4: FIRST AID MEASURES

4.1. Description of First Aid Measures
First-aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid Measures After Inhalation: When symptoms occur: go into open air and ventilate suspected area.
First-aid Measures After Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes.
First-aid Measures After Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
First-aid Measures After Ingestion: Rinse mouth. Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed
Symptoms/Injuries: Causes skin irritation. Causes serious eye damage.
Symptoms/Injuries After Inhalation: Dust of the product, if present, may cause respiratory irritation after an excessive inhalation exposure.
Symptoms/Injuries After Skin Contact: Causes skin irritation.
Symptoms/Injuries After Eye Contact: Causes serious eye damage.
Symptoms/Injuries After Ingestion: May cause nausea, vomiting, and diarrhea.
Chronic Symptoms: None known.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed
If medical advice is needed, have product container or label at hand.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing Media
Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire. Water spray or fog. dry chemical powder, alcohol-resistant foam, carbon dioxide (CO2).
Unsuitable Extinguishing Media: Do not use water jet.

5.2. Special Hazards Arising From the Substance or Mixture
Fire Hazard: Not considered flammable but may burn at high temperatures.
Explosion Hazard: Dust clouds can be explosive.
Reactivity: Stable at ambient temperature and under normal conditions of use.

5.3. Advice for Firefighters
Firefighting Instructions: Exercise caution when fighting any chemical fire.
Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures
General Measures: Handle in accordance with good industrial hygiene and safety practice. Avoid generating dust.
6.1.1. For Non-emergency Personnel
Protective Equipment: Use appropriate personal protection equipment (PPE).

6.1.2. For Emergency Responders
Protective Equipment: Equip cleanup crew with proper protection.
Emergency Procedures: Ventilate area.

6.2. Environmental Precautions
Prevent entry to sewers and public waters. Avoid release to the environment.

6.3. Methods and Material for Containment and Cleaning Up
For Containment: Avoid generation of dust during clean-up of spills. Use a soft bristle brush or conductive rubber or conductive plastic shovel. Use caution, material is sensitive to initiation from sources such as heat, flame, shock, friction, or sparks. Use only non-sparking tools.
Methods for Cleaning Up: Clear up spills immediately and dispose of waste safely.

6.4. Reference to Other Sections
See heading 8, Exposure Controls and Personal Protection.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling
Additional Hazards When Processed: May form combustible dust concentrations in air. Use care during processing to minimize generation of dust.
Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

7.2. Conditions for Safe Storage, Including Any Incompatibilities
Storage Conditions: Store in a dry, cool and well-ventilated place. Keep container closed when not in use.

7.3. Specific End Use(s) antimicrobial – cosmetics and personal care

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters
No Occupational Exposure Limits (OELs) have been established for this product or its chemical components.

8.2. Exposure Controls
Appropriate Engineering Controls : Avoid dust production. Ground/bond container and receiving equipment.

Hand Protection : Rubber gloves.
Eye Protection : Chemical goggles or safety glasses.
Respiratory Protection : When manufacturing or handling product in large quantities and dusts or particulates may be generated, maintain airborne concentrations below recommended limits. Workplace risk assessments should be completed before specifying and implementing respirator usage. NIOSH/MSHA approved respirators for protection should be used if respirators are found to be necessary.

Other Information : When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties
Physical State : Solid
Appearance : White crystalline powder.
Odor : Odorless.
Odor Threshold : No data available
pH : 9.5 (9.5 - 10.5) (Saturated solution)
Relative Evaporation Rate (butylacetate=1) : No data available
**Sodium Methyl Paraben**

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<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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<tr>
<td>Melting Point</td>
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<td>Freezing Point</td>
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<td>Boiling Point</td>
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<tr>
<td>Flash Point</td>
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<tr>
<td>Auto-ignition Temperature</td>
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<tr>
<td>Decomposition Temperature</td>
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<tr>
<td>Flammability (solid, gas)</td>
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<tr>
<td>Vapor Pressure</td>
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<tr>
<td>Relative Vapor Density at 20 °C</td>
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<td>Relative Density</td>
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<td>Specific Gravity</td>
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<tr>
<td>Solubility</td>
<td>Water: Easily soluble</td>
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<td>Log Pow</td>
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<tr>
<td>Log Kow</td>
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<tr>
<td>Viscosity, Kinematic</td>
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<tr>
<td>Viscosity, Dynamic</td>
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<tr>
<td>Explosive Properties</td>
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<tr>
<td>Oxidizing Properties</td>
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<tr>
<td>Explosive Limits</td>
<td>Not applicable</td>
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</table>

9.2. Other Information  No additional information available

**SECTION 10: STABILITY AND REACTIVITY**

10.1 Reactivity: Stable at ambient temperature and under normal conditions of use.

10.2 Chemical Stability: Dust clouds can be explosive.

10.3 Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

10.4 Conditions to Avoid: Sparks, heat, open flame and other sources of ignition. Moisture. Direct sunlight. Avoid creating or spreading dust.

10.5 Incompatible Materials: None known.

10.6 Hazardous Decomposition Products: Carbon oxides (CO, CO2).

**SECTION 11: TOXICOLOGICAL INFORMATION**

11.1. Information On Toxicological Effects

Acute Toxicity: Not classified

Skin Corrosion/Irritation: Causes skin irritation.
\[ \text{pH: 9.5 (9.5 - 10.5)} \] (Saturated solution)

Serious Eye Damage/Irritation: Causes serious eye damage.
\[ \text{pH: 9.5 (9.5 - 10.5)} \] (Saturated solution)

Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: Dust of the product, if present, may cause respiratory irritation after an excessive inhalation exposure.

Symptoms/Injuries After Skin Contact: Causes skin irritation.

Symptoms/Injuries After Eye Contact: Causes serious eye damage.

Symptoms/Injuries After Ingestion: May cause nausea, vomiting, and diarrhea.

Chronic Symptoms: None known.
### Sodium Methyl Paraben

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#### SECTION 12: ECOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>12.1. Toxicity</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Ecology - General</td>
<td>Harmful to aquatic life with long lasting effects.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>12.2. Persistence and Degradability</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Methyl Paraben (99-76-3)</td>
<td>Persistence and Degradability Not established. May cause long-term adverse effects in the environment.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>12.3. Bioaccumulative Potential</th>
<th>No additional information available</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>12.4. Mobility in Soil</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Methyl Paraben (99-76-3)</td>
<td>Mobility in soil Low potential for absorption.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>12.5. Other Adverse Effects</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Other Information</td>
<td>Avoid release to the environment.</td>
</tr>
</tbody>
</table>

#### SECTION 13: DISPOSAL CONSIDERATIONS

<table>
<thead>
<tr>
<th>13.1. Waste treatment methods</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Waste Disposal Recommendations</td>
<td>Dispose of waste material in accordance with all local, regional, national, and international regulations.</td>
</tr>
<tr>
<td>Ecology – Waste Materials</td>
<td>This material is hazardous to the aquatic environment. Keep out of sewers and waterways.</td>
</tr>
</tbody>
</table>

#### SECTION 14: TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th>14.1. UN Number</th>
<th>Not regulated for transport</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.2. UN Proper Shipping Name</td>
<td>Not regulated for transport</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>14.3. Additional Information</th>
<th>No supplementary information available.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transport by Sea</td>
<td>Not regulated for transport</td>
</tr>
<tr>
<td>Air Transport</td>
<td>Not regulated for transport</td>
</tr>
</tbody>
</table>

#### SECTION 15: REGULATORY INFORMATION

<table>
<thead>
<tr>
<th>15.1 US Federal Regulations</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Methyl Paraben (99-76-3)</td>
<td>SARA Section 311/312 Hazard Classes Immediate (acute) health hazard</td>
</tr>
</tbody>
</table>

| 15.2 US State Regulations | Neither this product nor its chemical components appear on any US state lists. |

#### SECTION 16: OTHER INFORMATION

<table>
<thead>
<tr>
<th>Other Information</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.</td>
<td></td>
</tr>
<tr>
<td>GHS Full Text Phrases:</td>
<td></td>
</tr>
<tr>
<td>Aquatic Chronic 3</td>
<td>Hazardous to the aquatic environment - Chronic Hazard Category 3</td>
</tr>
<tr>
<td>Comb. Dust</td>
<td>Combustible Dust</td>
</tr>
<tr>
<td>Eye Dam. 1</td>
<td>Serious eye damage/eye irritation Category 1</td>
</tr>
<tr>
<td>Skin Irrit. 2</td>
<td>Skin corrosion/irritation Category 2</td>
</tr>
<tr>
<td>H315</td>
<td>May form combustible dust concentrations in air</td>
</tr>
<tr>
<td>H318</td>
<td>Causes skin irritation</td>
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<tr>
<td>H412</td>
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</tbody>
</table>
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