SAFETY DATA SHEET: SODIUM PROPIONATE

1. IDENTIFICATION

Product Name: SODIUM PROPIONATE
Synonyms: Propionic acid sodium salt
Formula and Formula Weight: CH₃CH₂COONa  96.06
Integra numbers beginning with: S540.50
Recommended Use: Commercial/industrial use
Restrictions on Use: No information available

INTEGRA Chemical Company
24 Hour Emergency Response: CHEMTREC 800-424-9300 (Outside USA 703-527-3887)
1216 6th Ave N
Kent WA 98032
Phone: 253-479-7000

2. HAZARDS IDENTIFICATION

OSHA Classification: None identified
Hazard Category: Not applicable
Hazard Statement: Not applicable
Hazards Not Otherwise Classified: No information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>Synonyms</th>
<th>CAS #</th>
<th>% Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium propionate</td>
<td>Propionic acid sodium salt</td>
<td>00137-40-6</td>
<td>100</td>
</tr>
</tbody>
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4. FIRST AID MEASURES

Inhalation: Remove person to fresh air.
Eye Contact: Flush eyes with plenty of water. If irritation persists, seek medical attention.
Skin Contact: Wash with soap and water.
Ingestion: If conscious, rinse mouth and give victim large amounts of water. Seek medical attention.
Additional notes: Symptoms and effects include irritation to eye, nose, throat and upper respiratory tract.

5. FIRE-FIGHTING MEASURES

Extinguishing Media: Water spray, carbon dioxide, dry chemical or foam.
Special Equipment and Precautions: Use water to cool nearby containers and structures. Wear full protective equipment, including suitable respiratory protection.
Specific Hazards: High dust concentrations may ignite in the presence of an ignition source.
Hazardous combustion products: Oxides of carbon.

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Remove all potential ignition sources. Prevent spread of spill. Wear suitable protective equipment. Sweep or scoop into disposal container in a manner that minimizes dust dispersion.

7. HANDLING AND STORAGE

Incompatible Materials: Incompatible with strong acids and strong oxidizers.
Storage and Handling: Store in a cool, dry, well-ventilated area away from incompatible materials. Keep containers tightly closed and protect them from physical damage.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

OSHA & ACGIH Exposure Limits:
- Sodium propionate: None identified
- Engineering Controls: Use adequate general or local exhaust ventilation to keep fume and/or dust levels as low as possible.
- Respiratory Protection: If use generates annoying or irritating dusts, mists or vapors, use a NIOSH approved respirator with a particulate filter.
- Skin/Eye Protective Equipment: Safety glasses.

Facilities storing or utilizing this material should have readily accessible eyewash stations and safety showers. Select respirators and other safety equipment in accordance with regulations and based upon the particular conditions of use and risk of exposure. Always use safe chemical-handling and good industrial hygiene practices.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance: White powder
- Odor: Faint acetic/butyric odor
- Odor Threshold: Not available
- pH: 8 - 9.5 (for a 1% solution)
- Melting/Freezing Point: 210 °C
- Initial Boiling Point and Boiling Range: Not available
- Flash Point: >250 °C
- Evaporation Rate: Not available
10. STABILITY AND REACTIVITY

Reactivity: No information available
Stability: Stable
Possibility of Hazardous Reactions: Hazardous polymerization will not occur
Conditions to Avoid: Heat and moisture. Excessive dusting.
Incompatibilities: Incompatible with strong acids and strong oxidizers.
Decomposition Products: Oxides of carbon.

11. TOXICOLOGICAL INFORMATION

Inhalation: Inhalation may irritate the nose, throat and upper respiratory tract.
Skin Contact: No irritation is likely upon brief contact. May be irritating after prolonged or repeated contact.
Eye Contact: Contact may be irritating to the eyes.
Ingestion: None identified
Additional Effects: None identified
Chronic Effects: None identified
Target Organs: None identified
Reproductive Effects: None identified
Carcinogenicity: None identified
Toxicity Data:
Sodium propionate LD50 (oral, rat) 5.600 mg/kg

12. ECOLOGICAL INFORMATION

Aquatic Toxicity Data: Sodium propionate LC50 Pimephales promelas: 4740 mg/L
Terrestrial Toxicity Data: No information available
Persistence and degradability: Readily biodegradable
Bioaccumulative potential: Bioaccumulation is unlikely
Mobility in soil: No information available
Other adverse effects: No information available

13. DISPOSAL CONSIDERATIONS

Disposal Procedures: Dispose of material and containers in accordance with all local, state and federal regulations.

14. TRANSPORTATION INFORMATION

This product is not a regulated material for domestic ground transportation.

15. REGULATORY INFORMATION

Sodium propionate is listed in the TSCA inventory.

16. OTHER INFORMATION

OSHA SDS #: 26459 rev 101 3/27/2015

NE = Not established, NA = Not applicable or Not available
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***** END OF SDS *****