

Propionic Acid, Sodium Salt

1. Product Identification

- **Synonyms** : Sodium Propionate
 - **CAS No.** : 137-40-6
 - **Molecular Weight** : 96.06
 - **Chemical Formula** : CH₃CH₂COONa
 - **Product Codes** : U335
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2. Composition/Information on Ingredients

- **Ingredient** : Propionic Acid, Sodium Salt
 - **CAS No.** : 137-40-6
 - **Percent** : 90 - 100%
 - **Hazardous** : Yes
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3. Hazards Identification

Emergency Overview

CAUTION : CAUSES IRRITATION

J.T. Baker SAF-T-DATA(tm) Ratings (Provided here for your convenience)

Health Rating : 1 - Slight

Flammability Rating : 0 - None

Reactivity Rating : 0 - None

Contact Rating : 1 - Slight

Lab Protective Equip : GOGGLES; LAB COAT

Storage Color Code : Orange (General Storage)

Potential Health Effects

- **Inhalation** : None identified.
 - **Ingestion** : None identified.
 - **Skin Contact** : Irritation.
 - **Eye Contact** : Irritation.
 - **Chronic Exposure** : No information found.
 - **Aggravation of Pre-existing Conditions** : No information found.
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4. First Aid Measures

- **Inhalation** : If a person breathes in large amounts, move the exposed person to fresh air.
 - **Ingestion** : If large amounts were swallowed, give water to drink and get medical advice.
 - **Skin Contact** : In case of contact, immediately wash skin with plenty of soap and water for at least 15 minutes.
 - **Eye Contact** : In case of eye contact, immediately flush with plenty of water for at least 15 minutes.
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5. Fire Fighting Measures

- **Fire** : Not expected to be a fire hazard.
 - **Explosion** : No information found.
 - **Fire Extinguishing Media** : Use extinguishing media appropriate for surrounding fire.
 - **Special Information** : Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece operated in positive pressure mode.
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6. Accidental Release Measures

Wear suitable protective clothing. Carefully sweep up and remove.

7. Handling and Storage

Keep container tightly closed. Suitable for any general chemical storage area. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

8. Exposure Controls/Personal Protection

- **Airborne Exposure Limits** : None established.
 - **Ventilation System** : In general, dilution ventilation is a satisfactory health hazard control for this substance. However, if conditions of use create discomfort to the worker, a local exhaust system should be considered.
 - **Personal Respirators (NIOSH Approved)** : For conditions of use where exposure to the substance is apparent and engineering controls are not feasible, consult an industrial hygienist. For emergencies, or instances where the exposure levels are not known, use a full-facepiece positive-pressure, air-supplied respirator. **WARNING:** Air purifying respirators do not protect workers in oxygen-deficient atmospheres.
 - **Skin Protection** : Wear protective gloves and clean body-covering clothing.
 - **Eye Protection** : Use chemical safety goggles and/or full face shield where dusting or splashing of solutions is possible. Maintain eye wash fountain and quick-drench facilities in work area.
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9. Physical and Chemical Properties

- **Appearance** : White Powder.
 - **Odor** : No information found.
 - **Solubility** : Appreciable (> 10%)
 - **Specific Gravity** : No information found.
 - **PH** : No information found.
 - **% Volatiles by volume @ 21C (70F)** : 0
 - **Boiling Point** : No information found.
 - **Melting Point** : 285C (545F)
 - **Vapor Density (Air=1)** : Not applicable.
 - **Vapor Pressure (mm Hg)** : Not applicable.
 - **Evaporation Rate (BuAc=1)** : No information found.
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10. Stability and Reactivity

- **Stability** : Stable under ordinary conditions of use and storage.
 - **Hazardous Decomposition Products** : Carbon monoxide, carbon dioxide.
 - **Hazardous Polymerization** : Will not occur.
 - **Incompatibilities** : Strong oxidizing agents.
 - **Conditions to Avoid** : No information found.
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11. Toxicological Information

Cancer Lists

---NTP Carcinogen---

- **Ingredient** : Propionic Acid, Sodium Salt (137-40-6)
 - **Known** : No
 - **Anticipated** : No
 - **IARC Category** : None
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12. Ecological Information

- **Environmental Fate**: No information found.
 - **Environmental Toxicity** : No information found.
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13. Disposal Considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. Regulatory Information

-----\Chemical Inventory Status - Part 1\-----

Ingredient	TSCA	EC	Japan	Australia
Propionic Acid, Sodium Salt (137-40-6)	Yes	Yes	Yes	Yes

-----\Chemical Inventory Status - Part 2\-----

Ingredient	--Canada--	Korea	DSL	NDSL	Phil.
Propionic Acid, Sodium Salt (137-40-6)		Yes	Yes	No	Yes

-----\Federal, State & International Regulations - Part 1\-----

Ingredient	-SARA 302- RQ	TPQ	-----SARA 313----- List	Chemical Catg.
Propionic Acid, Sodium Salt (137-40-6)	No	No	No	No

-----\Federal, State & International Regulations - Part 2\-----

Ingredient	-RCRA- CERCLA	-TSCA- 261.33	8(d)
Propionic Acid, Sodium Salt (137-40-6)	No	No	No

Chemical Weapons Convention: No TSCA 12(b): No CDTA: No
SARA 311/312: Acute: No Chronic: No Fire: No Pressure: No
Reactivity: No (Pure / Solid)

15. Other Information

- **Label Hazard Warning :** CAUTION! CAUSES IRRITATION.
- **Label Precautions :** Avoid contact with eyes, skin, clothing. Keep in tightly closed container. Wash thoroughly after handling.
- **Label First Aid :** In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Wash clothing before reuse.
- **Product Use :** Laboratory Reagent.
- **Revision Information :**