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## CALCIUM PANTOTHENATE

### 1. Product Identification

Synonyms: Calcium D-(+)-Pantothenate; Pantothenic Acid, Calcium Salt

CAS No.: 137-08-6

Molecular Weight: 476.54

Chemical Formula:  $(\text{HOCH}_2\text{C}(\text{CH}_3)_2\text{CHOHCONHCH}_2\text{CH}_2\text{COO})_2\text{Ca}$

Product Code: 30605

### 2. Composition/Information on Ingredients

Ingredient	CAS No	Percent
Calcium Pantothenate	137-08-6	90 - 100%

### 3. Hazards Identification

Potential Health Effects

Inhalation: None identified.

Ingestion: None identified.

Skin Contact: None identified.

Eye Contact: None identified.

Chronic Exposure: No information found.

Aggravation of Pre-existing Conditions: No information found.

### 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.

### 5. Fire Fighting Measures

Fire: Not considered to be a fire hazard.

Explosion: Not considered to be an explosion hazard.

Fire Extinguishing Media: Use any means suitable for extinguishing surrounding fire.

Special Information: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

### 6. Accidental Release Measures

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8.

Spills: Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal.

The information contained herein is in good faith but makes no representations as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. We do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.



### 7. Handling and Storage

Handling: Remove contaminated clothing and wash before reuse. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation. Use with adequate ventilation. Store protected from light.  
Storage: Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

### 8. Exposure Controls/Personal Protection

Airborne Exposure Limits: None established.  
Ventilation System: A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.  
Personal Respirators (NIOSH Approved): For conditions of use where exposure to dust or mist is apparent and engineering controls are not feasible, a particulate respirator (NIOSH type N95 or better filters) may be worn.  
Skin Protection: Wear protective gloves and clean body-covering clothing.  
Eye Protection: Use chemical safety goggles. Maintain eye wash fountain and quick-drench facilities in work area.

### 9. Physical and Chemical Properties

Appearance: White Crystalline solid.  
Odor: Odorless.  
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: 196C (385F)  
Vapor Density (Air=1): Not applicable.  
Vapor Pressure (mm Hg): Not applicable.  
Evaporation Rate (BuAc=1): No information found.

### 10. Stability and Reactivity

Stability: Stable under ordinary conditions of use and storage.  
Hazardous Decomposition Products: Oxides of nitrogen, carbon monoxide, carbon dioxide.  
Hazardous Polymerization: Will not occur.  
Incompatibilities: Strong acids, strong bases.  
Conditions to Avoid: Moisture.

### 11. Toxicological Information

-----\Cancer Lists\-----  
---NTP Carcinogen---

Ingredient	Known	Anticipated	IARC Category
Calcium Pantothenate (137-08-6)	No	No	None

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#### 12. Ecological Information

Environmental Fate: No information found.

Environmental Toxicity: No information found.

#### 13. Disposal Considerations

Dispose of container and unused contents in accordance with federal, state and local requirements.

#### 14. Transport Information

Not regulated.

#### 15. Regulatory Information

Safety, health and environmental : Ensure all national/local regulations are observed.  
regulations/legislation specific for the substance or mixture

REACH Restrictions : The components of this product are not subject to restrictions.

REACH Authorisation : The components of this product are not subject to authorization.

Chemical Safety Assessment : It has not been carried out.

#### 16. Other Information

Product Use:

Laboratory Reagent.