



MSDS for (Calcium pantothenate)

\*\*\*\* MATERIAL SAFETY DATA SHEET \*\*\*\*

Section 1 - Chemical Product and Company Identification

MSDS Name Calcium pantothenate  
Catalog Numbers 183074  
Synonyms Calcium D-pantothenate, D-Pantothenic acid, calcium salt, Vi  
Company Identification J&K SCIENTIFIC LTD.  
18AEF, Building-D, Majestic Garden 6 Bei-Si-Huan-Zhong  
Road Beijing China 100029  
For information, call North America: (435)-753-1901  
China: (86 10) 82848833  
For emergencies, call North America: (800) 424-9300  
China: (86 532) 3889090; (86 532) 3889191

Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name	%	EINECS#
137-08-6	Calcium pantothenate	98%	205-278-9

Haz Symbols None listed.

Risk Phrases None listed.

Section 3 - Hazards Identification  
EMERGENCY OVERVIEW

Not available.

POTENTIAL HEALTH EFFECTS

Eye May cause eye irritation.  
Skin Harmful if absorbed through skin. May cause skin irritation.  
Ingestion May be harmful if swallowed.  
Inhalation May be harmful if inhaled. May cause respiratory tract irritation.  
Chronic



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**Section 4 - First aid Measures**

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Eyes	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Skin	Wash off with soap and plenty of water. Consult a physician.
Ingestion	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Inhalation	If breathed in, move person into fresh air. If not breathing give artificial respiration Consult a physician.

Notes to Physician

**Section 5 - Fire Fighting Measures**

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General Information	Wear self contained breathing apparatus for fire fighting if necessary.
Extinguishing Media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Section 6 - Accidental Release Measures**

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General Information	Use proper personal protective equipment as indicated in section 8.
Spills/Leaks	Sweep up and shovel. Keep in suitable, closed containers for disposal.

**Section 7 - Handling and Storage**

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Handling	Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.
Storage	Store in a cool, dry place. Store in a tightly closed container. Store at 2-8 ° C Light sensitive. Moisture sensitive. Air sensitive.

**Section 8 - Exposure Controls, Personal Protection**

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Engineering Controls	Not available.
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**PERSONAL PROTECTIVE EQUIPMENT**



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Eyes	Chemical safety goggles.
Skin	Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Clothing	Wear appropriate protective clothing to prevent skin exposure.
Respirators	Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

### Section 9 - Physical and Chemical Properties

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Physical State	Solid
Color	White
Odor	Not available
pH	Not available
Vapor Pressure	Not available
Viscosity	Not available
Freezing/Melting Point	Not available
Boiling Point	Not available
Autoignition Temperature	Not available
Flash Point	Not available
Explosion Limits, lower	Not available
Explosion Limits, upper	Not available
Decomposition Temperature	Not available
Solubility in water	Not available
Specific Gravity/Density	
Molecular Formula	C <sub>9</sub> H <sub>16</sub> N <sub>05</sub> • 0.5Ca
Molecular Weight	238.27g/mol

### Section 10 - Stability and Reactivity

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Chemical Stability	Stable under recommended storage conditions.
Conditions to Avoid	Incompatible materials.
Incompatibilities with Other Materials	Strong oxidizing agents.
Hazardous Decomposition Products	Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (Nox), Calcium oxide.
Hazardous Polymerization	Will not occur.




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Section 11 - Toxicological Information

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RTECS# CAS#137-08-6:RU4375000  
 LD50/LC50 Not available.  
 Carcinogenicity Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.  
 Other

Section 12 - Ecological Information

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Not available.

Section 13 - Disposal Considerations

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Dispose of in a manner consistent with federal, state, and local regulations.

Section 14 - Transport Information

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	IATA	IMO	RID/ADR
Shipping Name	Not available	Not available	Not available
Hazard Class			
UN Number			
Packing Group			

Section 15 - Regulatory Information

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European/International Regulations

Hazard Symbols Not available.

Risk Phrases

Not available.

Safety Phrases

Not available.

WGK (Water Danger/Protection)

CAS#137-08-6:1

J&K®



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Section 16 - Additional Information

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MSDS Creation Date 2010-1-27

Revision #1 Date Original

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