

Section 1: Identification

Product Name Calcium L-5-Methylhydrofolate USP
Commercial Name N/A
Product Use Dietary Supplement
Restrictions On Use N/A
Product Code 30-5180
Company PCCA
 9901 South Wilcrest
 Houston, TX 77099
 Phone: 1-800-331-2498
 Fax: 1-800-874-5760

In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com: Acute Toxicity. Oral. Category 4 Sensitization, Respiratory, Category 1
CFR 1910.1200
Signal Word WARNING
Hazard Statement(s) Harmful if swallowed. May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Pictogram(s) or Symbol(s)

Precautionary Statement(s):

Prevention Wear protective gloves/ eye protection/face protection. Wash thoroughly after handling
Response N/A
Storage Preserve in tight, light-resistance containers and stored at controlled room temperature, 20°C to 25°C excursions permitted between 15°C and 30°C
Disposal Dispose of contents/container in accordance with local/regional/national/International regulations

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance
Components Calcium L-5-methyltetrahydrofolate USP
% By Weight N/A
CAS# 151533-22-1
Molecular Weight 497.52
Chemical Formula C₂₀H₂₃CaN₇O₆xH₂O, C₂₀H₁₂₃CaN₇O₆
Synonym(s) Calcium; (2S)-2-[[4-[[[(6S)-2-amino-5-methyl-4-oxo-1,6,7,8, tetrahydropteridin-6-yl]methylamino]amino]pentanedioate

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Calcium	151533-22-1	N/A	N/A	N/A
L-5-methyltetrahydrofolate USP				

Section 4: First-Aid Measures

Inhalation Take to fresh Air. If breathing is difficult, administer oxygen. Get medical attention.

Skin Contact Wash immediately with plenty of water for 15 minutes. Remove contaminated clothing. Seek medical attention if symptoms appear.

Eye Contact Rinse immediately with plenty of water for 15 minutes. Check and remove any contact lenses. Seek medical attention if symptoms appear.

Ingestion Rinse mouth with water. Do not induce vomiting. Seek Medical attention if symptoms appear. Provide SDS and label information if possible

Symptoms/Effects

Acute N/A

Delayed N/A

Immediate Medical Attention

N/A

Section 5: Fire-Fighting Measures**Suitable Extinguishing Media**

Water spray, Water foam, Polymer foam carbon dioxide, dry chemical powder

Unsuitable Extinguishing Media

N/A

Products of Combustion

N/A

Firefighters Special Equipment and Precautions

In case of fire, watch out for the formation of toxic smoke and gases. Wear self-contained respiration equipment. Prevent contact with skin and eyes. Use water spray to cool unopened containers. As with all fires, evacuate personnel to a safe area.

Section 6: Accidental Release Measures

Personal Precautions: Wear chemical safety goggles, rubber boots and heavy rubber gloves. Keep unnecessary personnel away. Wear appropriate personal protective equipment. Avoid inhalation of dust from the spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. For personal protection, see section 8 of the SDS. **Accidental Release Measures:** Avoid formation of dust, Sweep up spill and place in sealed container and hold for disposal. Ventilate area and wash spill site after material pick up is complete

Section 7: Handling and Storage

Handling: Use appropriate PPEs/ Avoid contact with skin and eyes. As a general rule, when handling USP reference standards, avoid all contact and inhalation of dust, mists, and/or vapors associated with the material. Clean equipment and work surfaces with suitable detergent or solvent after use. After removing gloves, wash hands and other exposed skin thoroughly. Select and use containment devices and personal protective equipment based on risk assessment of material potency and exposure potential

Storage: Preserve in tight, light-resistance containers and store at controlled room temperature, 20°C to 25°C; excursions permitted between 15°C and 30°C

Section 8: Exposure Controls/Personal Protection

Exposure Limits N/A

Engineering Controls N/A

Personal Protection Eye/face protection: Use proper PPEs Skin Protection: Compatible gloves, protective coat or clothing
Body Protection: The type of protective equipment must be selected according to concentration and amount of dangerous substances at the specific work place
Respiratory protection: Use appropriate equipment

Section 9: Physical and Chemical Properties

Appearance	White to yellow color powder		
Odor	N/A		
Odor Threshold	N/A		
Melting Point	N/A	pH	N/A
Freezing Point	N/A	Vapor Pressure	N/A
Boiling Point/Range	N/A	Vapor Density	N/A
Decomposition temperature	N/A	Viscosity	N/A
Partition Coefficient: n-octanol/water	N/A	Evaporation Rate	N/A
Flash Point	N/A	Autoignition temperature	N/A
Flammability	N/A	Flammability or Explosive Limits:	
		Lower	
		Upper	N/A
Solubility(ies)	slightly soluble to practically insoluble in water. Practically insoluble in Acetonitrile		
Other	N/A		

Section 10: Stability and Reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport
Chemical Stability	Material is stable under normal conditions
Hazardous Polymerization	N/A
Conditions to Avoid	N/A
Incompatible Materials	None Known
Hazardous Decomposition Products	Irritating and/or toxic fumes or gases. Emits toxic fumes under fire conditions, NOx, CaOx

Section 11: Toxicological Information

RTECS	N/A
Acute Toxicity	Dermal LD50; Rat; >2000 mg/kg Oral LD50, Rat; >2000 mg/kg
Skin Corrosion/Irritation	Knowledge about health hazard is incomplete
Serious Eye Damage/Irritation	Base on available data, the classification criteria are not met.
Respiratory or Skin Sensitization	Knowledge about health hazard is incomplete
Germ Cell Mutagenicity	Knowledge about carcinogenicity is incomplete
Carcinogenicity	N/A
Reproductive Toxicity	Knowledge about health hazard is incomplete
Routes of Entry	N/A



Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Calcium L-5-Methylhydrofolate USP

30-5180

Symptoms Related to Exposure

Knowledge about health hazard is incomplete

Potential Health Effects

N/A

Target Organ(s) Knowledge about health hazard is incomplete

Section 12: Ecological Information

Ecotoxicity

N/A

Persistence and Degradability

N/A

Bioaccumulative Potential

N/A

Mobility in Soil

N/A

Other Adverse Effects

N/A

Section 13: Disposal Considerations

Waste Disposal

Waste must be disposed of in accordance with federal, state, and local environment control regulation

Disposal of Container

N/A

Other Considerations

N/A

Section 14: Transport Information

DOT Classification

Not Controlled

Section 15: Regulatory Information

Regulations

Not Classified; s24/25 – avoid contact with skin and eyes

Other

N/A

Section 16: Other Information

The above information is believed to be correct but does not purport to be complete and should be only used only as guide. The burden of safe use of this material rests entirely with the user.