



Safety Data Sheet

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

Calcium Pyruvate

30-3052

Section 1: Identification

Product Name Calcium Pyruvate
Commercial Name Not available.
Product Use Manufacture of substances
Restrictions On Use Not available

Product Code 30-3052

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: Not classified as a hazardous substance or mixture.
CFR 1910.1200

Signal Word NON-HAZARDOUS

Hazard Statement(s) Not available

Pictogram(s) or Symbol(s)

Precautionary Statement(s):

Prevention Not available
Response Not available
Storage Not available
Disposal Not available

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance
Components Calcium pyruvate
% By Weight 100
CAS# 52009-14-0
Molecular Weight 214.19 g/mole
Chemical Formula (CH₃COCO₂)₂Ca
Synonym(s) Pyruvic Acid, Calcium Salt; Propanoic acid, 2-oxo-, calcium salt; Acetyl formic acid, calcium salt;

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Calcium pyruvate	52009-14-0	100	Not available.	Not available.



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Section 4: First-Aid Measures

Inhalation	Not expected to require first aid measures
Skin Contact	Wash exposed area with soap and water. Get medical advice if irritation develops.
Eye Contact	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Call a physician if irritation persists.
Ingestion	If large amounts were swallowed, give water to drink and get medical advice.
Symptoms/Effects	
Acute	Not available.
Delayed	Not available.
Immediate Medical Attention	
Treat symptomatically	

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media

Water spray, dry chemical, alcohol foam, or carbon dioxide.

Unsuitable Extinguishing Media

Not available

Products of Combustion

Not available.

Firefighters Special Equipment and Precautions

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6: Accidental Release Measures

Remove all sources of ignition. Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in section 8. Spills: clean up spills in a manner that does not disperse dust into the air. Use non-sparking tools and equipment. Reduce airborne dust and prevent scattering by moistening with water. Pick up spill for recovery or disposal and place in a closed container.

Section 7: Handling and Storage

Storage: Keep in a tightly closed container, stored in a cool, dry, ventilated area. Handling: Protect against physical damage. Avoid dust formation and control ignition sources. Employ grounding, venting and explosion relief provisions in accord with accepted engineering practices in any process capable of generating dust and/or static electricity. Empty only into inert or non-flammable atmosphere. Emptying contents into a non-inert atmosphere where flammable vapors may be present could cause a flash fire or explosion due to electrostatic discharge.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Not available.
Engineering Controls	None under normal use conditions
Personal Protection	Eye/face Protection: Safety glasses Skin and body protection: Wear protective gloves and clean body-covering clothing.

Section 9: Physical and Chemical Properties

Appearance	White or almost white powder		
Odor	With a mild sweet of carboxylic acid		
Odor Threshold	Not available		
Melting Point	>300 C (>572 F)	pH	5.5-6.5 (2% in water)
Freezing Point	Not available	Vapor Pressure	Not applicable.
Boiling Point/Range	Not available.	Vapor Density	Not available.
Decomposition temperature	Not available	Viscosity	Not available.
Partition Coefficient: n-octanol/water	Not available	Evaporation Rate	Not available
Flash Point	Not available	Autoignition temperature	Not available
Flammability	Not available	Flammability or Explosive Limits:	
		Lower	Not available
		Upper	Not available
Solubility(ies)	Soluble in water.		
Other	Molecular Formula C6 H6 CaO6 Molecular Weight 214.19		

Section 10: Stability and Reactivity

Reactivity	Not available
Chemical Stability	Stable under normal conditions.
Hazardous Polymerization	Hazardous polymerization does not occur
Conditions to Avoid	Heat, incompatibles.
Incompatible Materials	Strong oxidizers
Hazardous Decomposition Products	Carbon dioxide and carbon monoxide may form when heated to decomposition.

Section 11: Toxicological Information

RTECS Not available.

Acute Toxicity

Not available

Skin Corrosion/Irritation

Not available

Serious Eye Damage/Irritation

Not available

Respiratory or Skin Sensitization

Not available

Germ Cell Mutagenicity

Not available

Carcinogenicity

Not established

Reproductive Toxicity

Not available

Routes of Entry

Not available

Symptoms Related to Exposure

Not available



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Potential Health Effects

Not available

Target Organ(s)

Not available

Section 12: Ecological Information

Ecotoxicity

Do not empty into drains

Persistence and Degradability

Not available

Bioaccumulative Potential

Not available

Mobility in Soil

Not available

Other Adverse Effects

Not available.

Section 13: Disposal Considerations

Waste Disposal

Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Disposal of Container

Not available

Other Considerations

Not available

Section 14: Transport Information

DOT Classification

Not a DOT controlled material (United States). This material is not classified dangerous good according to international transportation regulations (ADR/RID-IMDG-ICAO/IATA).

Section 15: Regulatory Information

Regulations

Chemical Inventory Status TSCA: YES EC: YES Japan: Yes Australia: Yes Korea: Yes Canada-DSL: Yes Canada-NDSL: No Philippines: No Federal, State & International Regulations SARA 302- RQ: No SARA 313- List: No SARA 313-Chemical Catg: No CERCLA: No RCRA 261.33: No TSCA 8(d): No Chemical Weapons Convention: No TSCA 12(b): No CDTA: No SARA 311/312 Acute: No Chronic: No Fire: No Pressure: No Reactivity: No Australian Hazchem Code: No information found Poison Schedule: No information found NFPA Rating Health: 0 Flammability: 0 Reactivity: 0

Other

WHMIS Not controlled under WHMIS (Canada). (Canada);DSCL (EEC) R36/37/38- Irritating to eyes, respiratory system and skin.;Gloves.;Lab coat.;Dust respirator. Be sure to use an approved/certified respirator or equivalent.;Splash goggles.

Section 16: Other Information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.