



Safety Data Sheet

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

Bismuth Citrate USP

30-5179

Section 1: Identification

Product Name Bismuth Citrate USP
Commercial Name Bismuth Citrate USP
Product Use Analytical Reagent
Restrictions On Use N/A
Product Code 30-5179
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: Clasification HMIS/NFPA Health hazard: 0 Flammability: 0 Reactive: N/A
CFR 1910.1200

Signal Word DANGER

Hazard Statement(s) MAY CAUSE EYE, SKIN OR RESPIRATORY IRRITATION. MAY INTENSIFY FIRE; OXIDIZER.

Pictogram(s) or Symbol(s)



Precautionary Statement(s):

Prevention	Keep or store away from clothing/ combustible materials.
Response	Rinse with water carefully for several minutes. Remove contact lenses when they are present and can be done easily. Continue washing.
Storage	Keep or store away from clothing/ combustible materials.
Disposal	Offer the non-usable surplus to an accredited landfill company. For the disposal of this product, contact an authorized professional service.

Section 3: Composition/Information on Ingredients

Substance/Mixture SUBSTANCE
Components CiB
% By Weight 100
CAS# 813-93-4
Molecular Weight 414
Chemical Formula (HOOC-C(2H))-C(OH)-COOBIO
Synonym(s) N/A

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
CiB	813-93-4	100		

Section 4: First-Aid Measures

Inhalation	May cause irritation in the respiratory tract. Symptoms may include coughing and difficulty breathing.
Skin Contact	May cause blotches and soreness.
Eye Contact	No data
Ingestion	Bismuth salts are poorly absorbed. In case absorption occurs, symptoms may include loss of appetite, headache, rashes on the skin, kidney damage, and rarely mild jaundice.
Symptoms/Effects	
Acute	N/A
Delayed	N/A
Immediate Medical Attention	
N/A	

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

Use water spray, alcohol- resistant foam, dry powder of carbon dioxide.

Unsuitable Extinguishing Media

No data.

Products of Combustion

No data.

Firefighters Special Equipment and Precautions

If necessary, use self-contained breathing apparatus firefighting.

Section 6: Accidental Release Measures

Collect spilled product, ventilate the area, carry the necessary protective equipment, sweep, and moisten avoid dispersion of dust.
Use of vacuum cleaner or wet sweeping to avoid dispersion of dust

Section 7: Handling and Storage

Handling solid materials may result in the formation of combustible dusts, such potential should be considered. Recommended storage temperature: 30°C. Protect against light. Non-combustible solids. Apart from the uses mentioned in section 1 no other specific uses are stipulated.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	N/A
Engineering Controls	N/A
Personal Protection	Mask for powders, safety glasses, gloves, apron, boots.

Section 9: Physical and Chemical Properties

Appearance	Yellow-white Solid		
Odor	Odorless		
Odor Threshold	No Data		
Melting Point	Decompose	pH	No Data
Freezing Point	No Data	Vapor Pressure	No Data
Boiling Point/Range	No Data	Vapor Density	No Data
Decomposition temperature	No Data	Viscosity	No Data
Partition Coefficient: n-octanol/water	No Data	Evaporation Rate	No Data
Flash Point	No Data	Autoignition temperature	No Data
Flammability	No Data	Flammability or Explosive Limits:	
		Lower	No Data
		Upper	No Data
Solubility(ies)	Insoluble in water		
Other	No Data		

Section 10: Stability and Reactivity

Reactivity	Stable
Chemical Stability	Stable
Hazardous Polymerization	No Data
Conditions to Avoid	No data
Incompatible Materials	Oxidizing agent
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide and Metal oxide

Section 11: Toxicological Information

RTECS	No Data
Acute Toxicity	No Data
Skin Corrosion/Irritation	No Data
Serious Eye Damage/Irritation	No Data
Respiratory or Skin Sensitization	No Data
Germ Cell Mutagenicity	No Data
Carcinogenicity	No Data
Reproductive Toxicity	No Data
Routes of Entry	No Data
Symptoms Related to Exposure	No Data

Potential Health Effects

No Data

Target Organ(s)

No Data

Section 12: Ecological Information**Ecotoxicity**

It does not represent a risk to the environment because is not bioaccumulative. The characteristics abiotic and biotic degradation are not toxic. The waste generated is considered as special handling waste (non-hazardous).

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**

Offer the non-usable surplus to an accredited landfill company. For the disposal of this product, contact an authorized professional service

Disposal of Container

Remove as unused products.

Other Considerations

N/A

Section 14: Transport Information**DOT Classification**

Non-dangerous merchandise.

Section 15: Regulatory Information**Regulations**

The technical safety sheet meets all the requirements NOM-018-STPS-2015.

Other

N/A

Section 16: Other Information

N/A